

MINISTRY OF THE INTERIOR, EGYPT.

Department of Public Health.
Cairo City Health Inspectorate.

Report of the Medical
Officer of Health, Cairo
City, for the year 1922.

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SUMMARY OF REPORT.

VITAL STATISTICS.

| | 1922. | | 1921. | | 1917-1921. | |
|----------------------------------|--------------------|------------------------------|--------------------|------------------------------|-----------------------------------|--------------------------------------|
| | Number registered. | Rate per 1000 living. | Number registered. | Rate per 1000 living. | Average Annual Number registered. | Average Annual rate per 1000 living. |
| Births | 41,596 | 53·5 | 36,914 | 48·2 | 32,872 | 43·3 |
| Deaths | 26,692 | 34·3 | 23,563 | 30·8 | 29,420 | 38·7 |
| Infantile Deaths (0-1) | 9,954 | Rate per 1000 births. 239 | 8,109 | Rate per 1000 births. 220 | 8,477 | Average rate per 1000 births. 257 |

Infectious Diseases.—The total number notified in 1922 was 4,740, of which 2,555 concern the eight principal diseases as against 4,759 and 2,026 respectively in 1921.

The prevalent disease was measles of which there were 982 cases notified as compared with 282 in 1921.

Compared with the average annual number notified during the previous eight years, the total this year, with the exception of measles, shows a marked decrease, more particularly in typhus and relapsing fever.

GOVERNMENT FEVER HOSPITAL.

Total admissions during 1922 were 1,705 as compared with 1,983 in 1921. Of the 1,705 admissions 1,328 were males and 377 were females.

| | 1922 | 1921 |
|-------------------|-------|-------|
| 1st. class | 42 | 56 |
| 2nd. „ | 160 | 197 |
| 3rd. „ | 1,503 | 1,730 |
| Cured... .. | 1,542 | 1,732 |
| Died | 136 | 159 |
| Unrelieved... .. | 27 | 72 |

PASSENGERS CONTROL.

| | | |
|--|--------|-------|
| Total No. of passengers arriving... .. | 12,595 | 8,727 |
| Percentage found and observed | 85·2% | 90·8% |

PILGRIMAGE.

| | | |
|---|-----|-----|
| Total No. of pilgrims from Cairo | 373 | 118 |
|---|-----|-----|

PROSTITUTION AND VENEREAL DISEASES.

| | 1922. | | | | | 1921. | | | | |
|----------------|--------------------|-------------------------|-----------|------------|-----------------|--------------------|-------------------------|-----------|------------|-----------------|
| | Number registered. | Number of examinations. | Syphilis. | Gonorrhœa. | Other Diseases. | Number registered. | Number of examinations. | Syphilis. | Gonorrhœa. | Other Diseases. |
| Natives | 1,620 | 37,689 | 95 | 1,836 | 158 | 1,654 | 35,483 | 148 | 2,191 | 197 |
| Europeans ... | 308 | 8,876 | 20 | 205 | 7 | 326 | 9,795 | 29 | 292 | 7 |

Vaccinations in 1922 : 42,868 as against 32,855 in 1921.

Uncertified deaths in 1922 : 17,951 (67·2 per cent) as against 15,582 (66·4 per cent) in 1921.

UNHEALTHY ESTABLISHMENTS.

| | 1922. | 1921. |
|---------------------------------|-------|-------|
| | | |
| Total licensed 1st Class | 82 | 71 |
| „ „ 2nd „ | 1,515 | 1,407 |
| „ „ 3rd „ | 393 | 384 |

Report of the Medical Officer of Health, Cairo City, for the Year 1922.

I.—VITAL STATISTICS

(a) POPULATION.

The population for Cairo in 1922, as estimated by the Statistical Department, was 777,500 to which, however, should be added 29,590 which represents the population of the area around Helwân that is administered by us for all public health purposes, with the exception of the registration of births and deaths.

This makes a total of 807,090 on which all our Zymotic Charts are based.

The district distribution of this population is as follows :—

| District. | Population. |
|-------------------------|--------------------|
| Mûsky... .. | 24,200 |
| Bâb el Sha'riya | 66,200 |
| Ezbekîya | 61,300 |
| 'Abdîn... .. | 61,500 |
| Saîyeda Zeinab... .. | 78,300 |
| Helwân | 11,500 (41,090)* |
| Khalîfa | 55,200 |
| Darb el Ahmar... .. | 69,400 |
| Gamâlîya | 58,400 |
| Shubra | 81,800 |
| Bulâq | 94,800 |
| Old Cairo | 33,100 |
| Wâyli | 75,800 |
| TOTAL CAIRO CITY | 777,500 (807,000)* |

Regarding the European population an estimate can only be approximate.

As pointed out by the Statistical Department there are several factors which make it impossible to arrive at a correct figure such as :—

- (1) The 1917 figures being unduly low owing to many foreigners having left the country temporarily who have now returned.
- (2) The birth figures for foreigners being misleading.
- (3) The definition of Egyptian Nationality being uncertain.

However, after taking all these points into consideration, the Statistical Department estimates that the European population in 1922 was from 70,000 to 74,000. (The word "European" here includes those of European origin such as Americans, Canadians, Australians, etc.)

BIRTHS.

The total number of births which occurred in Cairo during 1922 was 41,596 out of which 40,849 were registered as natives and 747 as foreigners.

The annual birth-rate was therefore 53·5 per thousand of population. This is the highest rate for the last twelve years.

*This includes the population of the area around Helwân, i.e. 29,590.

The mean annual birth-rate during the period 1918–1922 was 45·6 per thousand of population, the highest being the present year and the lowest in 1918 which was 36·9.
The district birth-rates are shown in Table I.

TABLE I.—DISTRICT BIRTHS AND BIRTH-RATES PER 1000 OF POPULATION.

| DISTRICT. | 1922 | | 1921 | | 1920 | |
|------------------------|----------------|--------|----------------|-------|----------------|-------|
| | No. of Births. | Rates. | No. of Births. | Rate. | No. of Births. | Rate. |
| Ezbekiyya | 2,222 | 34·5 | 2,016 | 35·1 | 1,908 | 33·1 |
| Helwân | 446 | 38·8 | 416 | 36·8 | 386 | 33·8 |
| ‘Abdîn | 2,612 | 42·5 | 2,411 | 39·6 | 2,248 | 36·7 |
| Mûsky... .. | 1,055 | 43·6 | 930 | 38·9 | 902 | 37·7 |
| Darb el Ahmar... .. | 3,292 | 47·4 | 3,011 | 44·0 | 2,929 | 42·7 |
| Wâyli | 3,954 | 52·2 | 3,385 | 45·1 | 3,273 | 43·5 |
| Saiyeda Zeinab... .. | 4,196 | 53·6 | 3,829 | 49·6 | 3,657 | 49·1 |
| Bâb el Sha‘riyya... .. | 3,584 | 54·1 | 3,147 | 48·3 | 3,175 | 48·8 |
| Shubra | 4,844 | 57·1 | 4,127 | 49·5 | 4,090 | 50·3 |
| Khalifa | 3,262 | 59·1 | 2,836 | 52·2 | 2,884 | 53·1 |
| Gamâliyya | 3,597 | 61·6 | 3,387 | 53·8 | 3,186 | 50·8 |
| Old Cairo | 2,086 | 63·0 | 1,919 | 59·2 | 1,832 | 56·4 |
| Bulâq | 6,446 | 68·0 | 5,500 | 59·1 | 5,514 | 59·5 |
| TOTAL CAIRO CITY ... | 41,596 | 53·5 | 36,914 | 48·2 | 35,984 | 47·3 |

Still-Births.—During 1922 there were 1,290 children born dead of whom 1,266 were natives and 24 of foreign parentage.

(c) DEATHS.

The total number of deaths in Cairo during 1922 was 27,350 including 658 deaths of non-residents. Out of this total 26,738 were among natives and 612 foreigners.

Excluding the deaths of non-residents the total deaths for Cairo was therefore 26,692 as compared with 23,563 in 1921, and 27,619 in 1920.

The annual death-rate was therefore 34·3 per thousand of population as against 30·8 in 1921 and 36·2 in 1920.

The mean annual rate during the last five years was 38·4 per thousand of population, the highest death-rate being in 1918 with 49·4, and the lowest in 1921 which was 30·8

The highest district death-rate occurred in Old Cairo with 46·4 per thousand of population and the lowest in Ezbekiyya with 22·7. See Table II.

Chart 1 shows the maximum, minimum and mean weekly death-rates during 1917–1921 together with the weekly death-rates in 1922 per 1,000 of population.

TABLE II.—DISTRICT DEATHS AND DEATH-RATES PER 1000 OF POPULATION.

| DISTRICT. | 1922 | | 1921 | | 1920 | |
|-------------------------|----------------|--------|----------------|-------|----------------|-------|
| | No. of Deaths. | Rates. | No. of Deaths. | Rate. | No. of Deaths. | Rate. |
| Ezbekiyya | 1,460 | 22·7 | 1,219 | 21·2 | 1,596 | 27·7 |
| Helwân | 280 | 24·3 | 253 | 22·4 | 308 | 27·0 |
| Mûsky | 679 | 28·1 | 630 | 26·4 | 769 | 32·2 |
| ‘Abdîn | 1,804 | 29·3 | 1,629 | 26·8 | 1,861 | 30·4 |
| Darb el Ahmar | 2,215 | 31·9 | 2,052 | 30·0 | 2,334 | 34·0 |
| Bâb el Sha‘riyya | 2,153 | 32·5 | 1,972 | 30·3 | 2,377 | 36·6 |
| Wâyli | 2,482 | 32·7 | 2,356 | 31·4 | 2,760 | 36·6 |
| Saiyeda Zeinab | 2,622 | 33·5 | 2,267 | 29·4 | 2,736 | 37·6 |
| Shubra | 2,968 | 35·0 | 2,609 | 31·3 | 2,771 | 33·3 |
| Gamâliyya | 2,120 | 36·3 | 1,902 | 30·2 | 2,243 | 35·8 |
| Khalifa | 2,233 | 40·4 | 1,931 | 35·6 | 2,298 | 42·3 |
| Bulâq | 4,140 | 43·7 | 3,555 | 38·2 | 4,135 | 44·6 |
| Old Cairo | 1,536 | 46·4 | 1,188 | 36·7 | 1,431 | 44·0 |
| TOTAL CAIRO CITY | 26,692 | 34·3 | 23,563 | 30·8 | 27,619 | 36·2 |

(d) INFANTILE MORTALITY.

The total number of deaths among children under one year during 1922 was 9,954 as compared with 8,109 in 1921 and 9,164 in 1920. Out of this total, 9,861 were deaths among natives and 93 of foreign parentage.

In addition to these, there were 197 deaths of infants coming from outside Cairo and who died in various public institutions.

The infantile mortality rate for Cairo was, therefore, 239 per thousand births.

The mean annual death-rate for the last five years was 256 per thousand births, the highest rate during this period being 329 in 1918, and the lowest in 1920 which was 220.

The highest district death-rate was in Bulâq (356) and the lowest in Helwân (186).

TABLE III.—DISTRICT INFANTILE DEATH-RATES PER THOUSAND BIRTHS.

| DISTRICT. | 1922 | 1921 | 1920 |
|-------------------------|------|------|------|
| Helwân | 186 | 173 | 212 |
| Ezbekîya | 189 | 173 | 229 |
| Mûsky | 203 | 181 | 204 |
| Gamaliya | 211 | 211 | 223 |
| Bâb el Sha'rîya | 215 | 225 | 248 |
| Saiyeda Zeinab | 218 | 204 | 239 |
| Wâyli | 229 | 219 | 272 |
| Shubra | 238 | 208 | 257 |
| Darb el Ahmar | 238 | 226 | 265 |
| 'Abdîn | 240 | 200 | 246 |
| Khalîfa | 248 | 249 | 236 |
| Bulâq | 273 | 250 | 288 |
| Old Cairo | 356 | 245 | 301 |
| TOTAL CAIRO CITY | 239 | 220 | 255 |

Chart II shows the weekly infantile death-rate for 1922 as compared with the maximum, minimum and mean weekly death-rates for the period 1917–1921 per 100 births.

Chart III shows the principal causes of infantile deaths.

The highest mortality was due to diarrhœa (4,336) and marasmus (2,523).

TABLE IV.—COMPARATIVE MID-YEAR POPULATION AND VITAL STATISTICS OF CAIRO 1911 TO 1922.

| Year. | Population. | Number of Deaths. | Death-rate per Thousand of Population. | Infantile Deaths. | Infantile death rate per Thousand Births. | Number of Births. | Birth-rate per Thousand of Population. |
|----------|-------------|-------------------|--|-------------------|---|-------------------|--|
| 1911 ... | 693,806 | 27,981 | 40·3 | 10,414 | 323 | 32,195 | 46·4 |
| 1912 ... | 704,956 | 26,385 | 37·4 | 9,549 | 303 | 31,555 | 44·8 |
| 1913 ... | 715,609 | 26,413 | 36·9 | 9,250 | 292 | 31,599 | 44·1 |
| 1914 ... | 725,670 | 26,128 | 36·0 | 8,875 | 283 | 31,314 | 43·1 |
| 1915 ... | 733,423 | 32,554 | 44·3 | 9,592 | 320 | 29,933 | 40·8 |
| 1916 ... | 740,000 | 28,320 | 38·3 | 9,208 | 295 | 31,170 | 42·1 |
| 1917 ... | 749,000 | 26,804 | 35·8 | 8,248 | 262 | 31,442 | 42·0 |
| 1918 ... | 760,008 | 37,568 | 49·4 | 9,242 | 329 | 28,047 | 36·9 |
| 1919 ... | 761,525 | 31,547 | 41·4 | 7,621 | 238 | 31,974 | 42·0 |
| 1920 ... | 761,300 | 27,619 | 36·3 | 9,164 | 255 | 35,984 | 47·3 |
| 1921 ... | 765,200 | 23,563 | 30·8 | 8,109 | 220 | 36,914 | 48·2 |
| 1922 ... | 777,500 | 26,692 | 34·3 | 9,954 | 239 | 41,596 | 53·5 |

Chart IV and V shows the weekly infantile deaths from Diarrhœa as compared with the mean and maximum temperature respectively as observed in Ezbekîya Gardens.

Table IV shows the mid-year population and Vital Statistics of Cairo during the years 1911 to 1922.

Table V shows the mid-year population and Vital Statistics of the various districts of Cairo for 1922.

TABLE V.—POPULATION AND VITAL STATISTICS OF CAIRO AND ITS QUARTERS IN 1922.

| DISTRICT. | Population. | Number of Deaths. | Death-rates per Thousand of Population. | Number of Births. | Birth-rates per Thousand of Population. | Number of Infantile Deaths (0 1 Year). | Infantile Mortality Rate per Thousand Births. |
|------------------------|-------------|-------------------|---|-------------------|---|--|---|
| Mûsky | 24,200 | 679 | 28·1 | 1,055 | 43·6 | 215 | 203 |
| Bâb el Sha'riya | 66,200 | 2,153 | 32·5 | 3,584 | 54·1 | 771 | 215 |
| Ezbekîya | 64,300 | 1,460 | 22·7 | 2,222 | 34·5 | 422 | 189 |
| 'Abdin | 61,500 | 1,804 | 29·3 | 2,612 | 42·5 | 627 | 240 |
| Saiyeda Zeinab | 78,300 | 2,622 | 33·5 | 4,196 | 53·6 | 918 | 218 |
| Khalîfa | 55,200 | 2,233 | 40·4 | 3,262 | 59·1 | 809 | 248 |
| Helwân | 11,500 | 280 | 24·3 | 446 | 38·8 | 83 | 186 |
| Darb el Ahmar | 69,400 | 2,215 | 31·9 | 3,292 | 47·4 | 784 | 238 |
| Gamâliya | 58,400 | 2,120 | 36·3 | 3,597 | 61·6 | 759 | 211 |
| Shubra... .. | 84,800 | 2,968 | 35·0 | 4,844 | 57·1 | 1,156 | 238 |
| Bulâq | 94,800 | 4,140 | 43·7 | 6,446 | 68·0 | 1,761 | 273 |
| Old Cairo | 33,100 | 1,536 | 46·4 | 2,086 | 63·0 | 743 | 356 |
| Wâyli | 75,800 | 2,482 | 32·7 | 3,954 | 52·2 | 906 | 229 |
| TOTAL FOR CAIRO ... | 777,500 | 26,692 | 34·3 | 41,596 | 53·5 | 9,954 | 239 |

II.—INFECTIOUS DISEASES.

The total for all infectious diseases reported during 1922 was 5,135 which includes 395 cases coming from outside Cairo. The total for Cairo proper was 4,740 which is practically the same as last year.

Out of this total, 2,555, with a mortality of 850, were cases belonging to the eight principal diseases.

The remainder include 1,461 cases of influenza, 180 of chicken-pox, 82 of mumps, 4 of Malta fever, 116 of whooping cough, 21 of tetanus, 3 of encephalitis lethargica.

318 persons bitten by animals underwent anti-rabic treatment.

Regarding the eight principal diseases the total was 529 larger than in 1921 and was due to a large increase of measles.

With the exception of measles the totals of the eight principal diseases are all below the average of the previous eight years.

The rate per thousand of population for these diseases was 3,165 as compared with 2,550 in 1921, whilst the ratio of deaths to cases was 33·3 per cent as against 29·6 per cent in the previous year. See Tables VI, VII (with Figure 1), VIII and IX.

TABLE VI.—INFECTIOUS DISEASES, 1914 TO 1922.

| YEAR. | Eight Principal Diseases. | Other Infectious Diseases. | Total Number of Notifiable Diseases. | Deaths from the Eight Principal Diseases. | Rate of eight Principal Diseases per Thousand of Population. | Death-rate of eight Principal Diseases per Thousand of Population. | Ratio of Deaths to Cases Recorded per cent. |
|-------------|---------------------------|----------------------------|--------------------------------------|---|--|--|---|
| 1914 | 4,878 | 405 | 5,283 | 1,610 | 6,722 | 2·218 | 33·0 |
| 1915 | 5,744 | 409 | 6,153 | 2,365 | 7,831 | 3·224 | 41·1 |
| 1916 | 6,771 | 412 | 7,183 | 2,836 | 9,150 | 3·832 | 41·8 |
| 1917 | 4,304 | 672 | 4,976 | 1,608 | 9,746 | 2·146 | 37·4 |
| 1918 | 8,268 | 614 | 8,882 | 3,397 | 10,535 | 1·328 | 41·1 |
| 1919 | 9,164 | 708 | 9,872 | 3,970 | 11,659 | 5·051 | 43·3 |
| 1920 | 4,838 | 2,144 | 6,982 | 1,493 | 6,155 | 1·899 | 30·9 |
| 1921 | 2,026 | 2,733 | 4,759 | 599 | 2,550 | 0·754 | 29·6 |
| 1922 | 2,555 | 2,185 | 4,740 | 850 | 3,165 | 1·053 | 33·3 |

TABLE VII.—ZYMOTIC DISEASE CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. |
|------------------------|-------------|---------------------------|--|-------------------|--|------------------------------------|
| | | | | | | Per Cent. |
| Mûsky | 24,200 | 64 | 2·644 | 16 | 0·661 | 25·0 |
| Bâb el Sha'riya | 66,200 | 85 | 1·283 | 23 | 0·347 | 27·1 |
| Ezbekîya | 64,300 | 263 | 4·090 | 45 | 0·699 | 17·1 |
| 'Abdîn | 61,500 | 211 | 3·430 | 52 | 0·845 | 24·6 |
| Saiyeda Zeinab | 78,300 | 245 | 3·128 | 79 | 1·008 | 32·2 |
| Khalîfa | 55,200 | 171 | 3·097 | 70 | 1·268 | 40·9 |
| Helwân | 41,090 | 64 | 1·557 | 8 | 0·194 | 12·5 |
| Darb el Ahmar | 69,400 | 234 | 3·371 | 142 | 2·046 | 60·7 |
| Gamâliya | 58,400 | 150 | 2·568 | 81 | 1·386 | 54·0 |
| Shubra | 84,800 | 301 | 3·549 | 94 | 1·108 | 31·2 |
| Bulâq... .. | 94,800 | 392 | 4·135 | 145 | 1·529 | 37·0 |
| Old Cairo | 33,100 | 59 | 1·782 | 26 | 0·785 | 44·1 |
| Wâili... .. | 75,800 | 316 | 4·168 | 69 | 0·910 | 33·3 |
| TOTALS FOR CAIRO ... | 807,090 | 2,555 | 3·165 | 850 | 1·053 | 33·3 |

TABLE VIII.—INFECTIOUS DISEASES, 1918 TO 1922.

Estimated mid-year population in 1918=784,770.

„ „ „ 1919=785,954.
 „ „ „ 1920=785,941.
 „ „ „ 1921=794,225.
 „ „ „ 1922=807,090.

| DISEASE. | YEAR. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. |
|-----------------------------|-------|---------------------------------|---|----------------------|---|---|
| | | | | | | Per Cent. |
| Smallpox | 1918 | 35 | 0·044 | 5 | 0·006 | 14·3 |
| | 1919 | 1,455 | 1·851 | 494 | 0·628 | 33·9 |
| | 1920 | 157 | 0·199 | 50 | 0·063 | 31·8 |
| | 1921 | 5 | 0·006 | 1 | 0·001 | 20·0 |
| | 1922 | 24 | 0·029 | 10 | 0·012 | 41·7 |
| Measles | 1918 | 168 | 0·214 | 82 | 0·104 | 48·8 |
| | 1919 | 719 | 0·914 | 316 | 0·402 | 43·9 |
| | 1920 | 1,325 | 1·685 | 404 | 0·514 | 30·5 |
| | 1921 | 282 | 0·355 | 108 | 0·135 | 38·3 |
| | 1922 | 982 | 1·216 | 332 | 0·411 | 33·8 |
| Scarlet fever | 1918 | 81 | 0·103 | 7 | 0·008 | 8·6 |
| | 1919 | 39 | 0·049 | 4 | 0·005 | 10·3 |
| | 1920 | 39 | 0·049 | 4 | 0·005 | 10·3 |
| | 1921 | 66 | 0·083 | 2 | 0·002 | 3·0 |
| | 1922 | 69 | 0·084 | 2 | 0·002 | 2·9 |
| Diphtheria | 1918 | 632 | 0·805 | 232 | 0·295 | 36·7 |
| | 1919 | 484 | 0·615 | 150 | 0·190 | 31·0 |
| | 1920 | 329 | 0·418 | 77 | 0·097 | 23·4 |
| | 1921 | 438 | 0·551 | 124 | 0·156 | 28·3 |
| | 1922 | 418 | 0·517 | 146 | 0·180 | 34·9 |
| Typhoid fever | 1918 | 1,609 | 2·050 | 612 | 0·779 | 38·0 |
| | 1919 | 1,383 | 1·759 | 345 | 0·438 | 24·9 |
| | 1920 | 925 | 1·176 | 215 | 0·273 | 23·2 |
| | 1921 | 669 | 0·842 | 151 | 0·190 | 22·6 |
| | 1922 | 859 | 1·064 | 226 | 0·280 | 26·3 |
| Typhus fever | 1918 | 4,433 | 5·648 | 2,356 | 3·002 | 53·1 |
| | 1919 | 4,825 | 6·139 | 2,629 | 3·344 | 54·5 |
| | 1920 | 1,606 | 2·043 | 705 | 0·897 | 43·9 |
| | 1921 | 385 | 0·484 | 200 | 0·251 | 51·9 |
| | 1922 | 183 | 0·226 | 124 | 0·153 | 67·8 |
| Relapsing fever | 1918 | 1,287 | 1·639 | 93 | 0·118 | 7·2 |
| | 1919 | 236 | 0·300 | 20 | 0·025 | 8·5 |
| | 1920 | 429 | 0·545 | 23 | 0·029 | 5·4 |
| | 1921 | 167 | 0·210 | 8 | 0·010 | 4·8 |
| | 1922 | 13 | 0·016 | 4 | 0·004 | 30·8 |
| Cerebro-spinal fever | 1918 | 23 | 0·029 | 10 | 0·012 | 43·4 |
| | 1919 | 23 | 0·029 | 12 | 0·015 | 52·2 |
| | 1920 | 28 | 0·035 | 15 | 0·019 | 53·4 |
| | 1921 | 14 | 0·017 | 5 | 0·006 | 35·7 |
| | 1922 | 8 | 0·009 | 6 | 0·007 | 75·0 |
| TOTALS | 1918 | 8,268 | 10·535 | 3,397 | 4·328 | 41·1 |
| | 1919 | 9,164 | 11·659 | 3,970 | 5·051 | 43·3 |
| | 1920 | 4,838 | 6·155 | 1,493 | 1·899 | 30·9 |
| | 1921 | 2,026 | 2·550 | 599 | 0·754 | 29·6 |
| | 1922 | 2,555 | 3·165 | 850 | 1·053 | 33·3 |

TABLE IX.—DISTRICT DISTRIBUTIONS OF THE PRINCIPAL ZYMOTIC DISEASES IN 1922.

| DISTRICT. | Population. | SMALLPOX. | | RELAPSING FEVER. | | CEREBRO-SPINAL FEVER. | | TYPHUS FEVER. | | TYPHOID FEVER. | | SCARLET FEVER. | | DIPHTHERIA. | | MEASLES. | | TOTALS. | |
|---|-------------|-----------|---------|------------------|---------|-----------------------|---------|---------------|---------|----------------|---------|----------------|---------|-------------|---------|----------|---------|---------|---------|
| | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Mûsky... | 24,200 | — | — | 1 | — | 1 | 1 | 6 | 2 | 35 | 6 | 1 | — | 10 | 3 | 10 | 4 | 64 | 16 |
| Bâb el Sha'riya... | 66,200 | 1 | — | — | — | — | — | 7 | 6 | 34 | 7 | 3 | — | 11 | 7 | 29 | 3 | 85 | 23 |
| Ezbekiya ... | 64,300 | 5 | 2 | 2 | — | 1 | 1 | 12 | 6 | 147 | 20 | 14 | 2 | 28 | 4 | 54 | 10 | 263 | 45 |
| 'Abdîn ... | 61,500 | 1 | — | — | — | 1 | 1 | 17 | 11 | 88 | 16 | 9 | — | 38 | 12 | 57 | 12 | 211 | 52 |
| Saiyeda Zeinab... | 78,300 | 1 | — | — | — | — | — | 10 | 5 | 73 | 20 | 4 | — | 54 | 18 | 103 | 36 | 245 | 79 |
| Khalifa ... | 55,200 | — | — | 1 | — | — | — | 14 | 12 | 49 | 24 | 1 | — | 53 | 16 | 53 | 18 | 171 | 70 |
| Helwân ... | 41,090 | — | — | — | — | 1 | 1 | 3 | 2 | 21 | 2 | 4 | — | 16 | 3 | 19 | — | 64 | 8 |
| Darb el Ahmar... | 69,400 | 1 | 1 | 4 | 4 | — | — | 21 | 14 | 51 | 14 | 1 | — | 49 | 25 | 107 | 84 | 234 | 142 |
| Gamâliya ... | 58,400 | 1 | — | — | — | — | — | 27 | 24 | 26 | 3 | 3 | — | 17 | 9 | 76 | 45 | 150 | 81 |
| Shubra ... | 84,800 | 4 | 1 | 3 | — | 1 | 1 | 19 | 10 | 90 | 21 | 8 | — | 38 | 16 | 138 | 45 | 301 | 94 |
| Bulâq ... | 94,800 | 9 | 5 | — | — | — | — | 27 | 20 | 101 | 59 | 2 | — | 38 | 16 | 215 | 45 | 392 | 145 |
| Old Cairo ... | 33,100 | — | — | 1 | — | 1 | 1 | 4 | 2 | 12 | 6 | — | — | 9 | 3 | 32 | 14 | 59 | 26 |
| Waili ... | 75,800 | 1 | 1 | 1 | — | 2 | — | 16 | 10 | 132 | 28 | 18 | — | 57 | 14 | 89 | 16 | 316 | 69 |
| TOTALS FOR CAIRO ... | 807,090 | 24 | 10 | 13 | 4 | 8 | 6 | 183 | 124 | 859 | 226 | 68 | 2 | 418 | 146 | 982 | 332 | 2,555 | 850 |
| Extra urban Admissions to Cairo Hospitals ... | | 1 | — | — | — | 2 | 1 | 16 | 4 | 71 | 10 | — | — | 7 | 1 | 22 | 1 | 119 | 17 |
| TOTALS ... | | 25 | 10 | 13 | 4 | 10 | 7 | 199 | 128 | 930 | 236 | 68 | 2 | 425 | 147 | 1,004 | 333 | 2,674 | 867 |

Smallpox.—The total number of cases notified during the year was 24 which is satisfactory when compared with the previous eight years. The average number per annum notified during these years, excluding 1919 when there was an epidemic, was 223.

The rate of cases per thousand of population was 0·029.

There were 10 deaths from this disease, 9 of which were diagnosed after death. The death-rate per thousand of population was 0·012 and the ratio of deaths to cases recorded was 41·7 per cent.

The ages of those who died from this disease ranged from one month to eleven years. All had been vaccinated with the exception of two who were only one month old. Five out of the ten deaths occurred in Bulâq 11, District.

See Table X with Figure 2, and Chart VI.

TABLE X.—SMALLPOX CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-------------------------|-------------|---------------------------|--|-------------------|--|---|
| Mûsky... .. | 24,200 | — | — | — | — | — |
| Bâb el Sha'riya | 66,200 | 1 | 0·015 | — | — | — |
| Ezbekiya | 64,300 | 5 | 0·077 | 2 | 0·031 | 40·0 |
| 'Abdîn | 61,500 | 1 | 0·016 | — | — | — |
| Saiyeda Zeinab... .. | 78,300 | 1 | 0·012 | — | — | — |
| Khalifa | 55,200 | — | — | — | — | — |
| Helwân | 41,090 | — | — | — | — | — |
| Darb el Ahmar | 69,400 | 1 | 0·014 | 1 | 0·014 | 100·0 |
| Gamâliya | 58,400 | 1 | 0·017 | — | — | — |
| Shubra | 84,800 | 4 | 0·047 | 1 | 0·011 | 25·0 |
| Bulâq | 94,800 | 9 | 0·094 | 5 | 0·052 | 55·5 |
| Old Cairo | 33,100 | — | — | — | — | — |
| Wâili | 75,800 | 1 | 0·013 | 1 | 0·013 | 100·0 |
| TOTALS FOR CAIRO | 807,090 | 24 | 0·029 | 10 | 0·012 | 41·7 |

Measles.—The total number of cases recorded in 1922 was 982, being 700 more than in 1921. This gives a rate of 1·216 per thousand of population.

There were 332 deaths from this disease of which no less than 322 were diagnosed after death.

The death-rate per thousand of population was, therefore, 0·411 whilst the ratio of deaths to cases notified was 33·8 per cent.

The highest case rate occurred in Bulâq with 2·267 per thousand of population.

The largest ratio of deaths to cases recorded was in Darb el Ahmar being 78·5 per cent. See Table XI, Figure 3 and Chart VII.

TABLE XI.—MEASLES CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-------------------------|-------------|---------------------------|--|-------------------|--|---|
| Mûsky... .. | 24,200 | 10 | 0·413 | 4 | 0·165 | 40·0 |
| Bâb el Sha'riya... .. | 66,200 | 29 | 0·438 | 3 | 0·045 | 10·3 |
| Ezbekiya | 64,300 | 54 | 0·838 | 10 | 0·155 | 18·5 |
| 'Abdîn | 61,500 | 57 | 0·926 | 12 | 0·195 | 21·0 |
| Saiyeda Zeinab... .. | 78,300 | 103 | 1·315 | 36 | 0·459 | 34·9 |
| Khalifa | 55,200 | 53 | 0·960 | 18 | 0·326 | 34·9 |
| Helwân | 41,090 | 19 | 0·462 | — | — | — |
| Darb el Ahmar... .. | 69,400 | 107 | 1·541 | 84 | 1·210 | 78·5 |
| Gamâliya | 58,400 | 76 | 1·301 | 45 | 0·770 | 59·2 |
| Shubra | 84,800 | 138 | 1·627 | 15 | 0·530 | 32·6 |
| Bulâq | 94,800 | 215 | 2·267 | 45 | 0·474 | 20·9 |
| Old Cairo | 33,100 | 32 | 0·966 | 14 | 0·422 | 43·7 |
| Wâili | 75,800 | 89 | 1·174 | 16 | 0·211 | 18·0 |
| TOTALS FOR CAIRO | 807,090 | 982 | 1·216 | 332 | 0·411 | 33·8 |

Scarlet Fever.—There were 68 cases notified during the year as compared with 66 in 1921, whilst the number of deaths from this disease was 2.

This gives a case-rate and death-rate, per thousand of population, of 0·084 and 0·002 respectively, whilst the percentage of deaths to cases recorded was 2·9 per cent.

Of the total number of cases 25 were natives, the others being 10 syrians, 6 greeks, 9 italians, 7 jews and 11 other foreigners.

See Table XII, Figure 4 and Chart VIII.

TABLE XII.—SCARLET FEVER CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases Recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-----------------------|-------------|---------------------------|--|-------------------|--|---|
| Mûsky... .. | 24,200 | 1 | 0·041 | — | — | — |
| Bâb el Sha'riya... .. | 66,200 | 3 | 0·045 | — | — | — |
| Ezbekîya | 64,300 | 14 | 0·217 | 2 | 0·031 | 14·3 |
| ‘Abdîn... .. | 61,500 | 9 | 0·146 | — | — | — |
| Saiyeda Zeinab | 78,300 | 4 | 0·051 | — | — | — |
| Khalîfa | 55,200 | 1 | 0·018 | — | — | — |
| Helwân | 41,090 | 4 | 0·097 | — | — | — |
| Darb el Ahmar | 69,400 | 1 | 0·014 | — | — | — |
| Gamâliya | 58,400 | 3 | 0·051 | — | — | — |
| Shubra | 84,800 | 8 | 0·094 | — | — | — |
| Bulâq | 94,800 | 2 | 0·021 | — | — | — |
| Old Cairo | 33,100 | — | — | — | — | — |
| Wâili | 75,800 | 18 | 0·237 | — | — | — |
| TOTALS FOR CAIRO ... | 807,090 | 68 | 0·084 | 2 | 0·002 | 2·9 |

Diphtheria.—The total number of cases recorded in 1922 was 418 as compared with 438 in 1921. This gives a rate of 0·517 per thousand of population.

The total number of deaths was 146 giving a death-rate of 0·180 per thousand of population and a ratio of 34·9 per hundred cases notified. Out of the total deaths 122 were found dead.

The highest case-rate occurred in Khalîfa being 0·960 per thousand of population.

TABLE XIII.—DIPHTHERIA CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-----------------------|-------------|---------------------------|--|-------------------|--|---|
| Mûsky... .. | 24,200 | 10 | 0·413 | 3 | 0·123 | 30·0 |
| Bâb el Sha'riya... .. | 66,200 | 11 | 0·166 | 7 | 0·105 | 63·6 |
| Ezbekîya | 64,300 | 28 | 0·435 | 4 | 0·062 | 14·3 |
| ‘Abdîn... .. | 61,500 | 38 | 0·617 | 12 | 0·195 | 31·6 |
| Saiyeda Zeinab... .. | 78,300 | 54 | 0·689 | 18 | 0·229 | 33·3 |
| Khalîfa | 55,200 | 53 | 0·960 | 16 | 0·289 | 30·2 |
| Helwân | 41,090 | 16 | 0·389 | 3 | 0·073 | 18·7 |
| Darb el Ahmar... .. | 69,400 | 49 | 0·706 | 2 | 0·360 | 51·0 |
| Gamâliya | 58,400 | 17 | 0·291 | 9 | 0·154 | 52·9 |
| Shubra | 84,800 | 38 | 0·448 | 16 | 0·188 | 42·1 |
| Bulâq | 94,800 | 38 | 0·400 | 16 | 0·168 | 42·1 |
| Old Cairo | 33,100 | 9 | 0·271 | 3 | 0·090 | 33·3 |
| Wâili | 75,800 | 57 | 0·751 | 14 | 0·184 | 24·6 |
| TOTALS FOR CAIRO ... | 807,090 | 418 | 0·517 | 146 | 0·180 | 34·9 |

Typhoid Fever.—The total number of cases notified during the year was 859 as against 669 in 1921. This compares satisfactorily with the average number recorded during the previous eight years, this average being 1,372.

The case-rate for the year was therefore 1,064 per thousand of population. The number of deaths from this disease was 226, of which 195 were found dead.

The death-rate was 0.280 per thousand of population and the ratio of deaths to cases notified was 26.3 per cent.

The highest case-rate occurred in Ezbekîya with 2.286 per thousand of population. See Table XIV, Figure VI and Chart X. The cases were distributed as follows :

| | | |
|---------------|--------------|--------------|
| 644 Natives. | 8 French. | 30 Italians. |
| 47 Syrians. | 5 Austrians. | 1 German. |
| 24 Jews. | 1 Belgian. | 6 Americans. |
| 14 Armenians. | 1 Dutch. | 1 Bulgarian. |
| 16 Swiss. | 43 Greeks. | 1 Swede. |
| | 16 British. | 1 Russian. |

A further analysis shows that the 859 cases were divided as follows :—

| |
|---|
| *808 cases occurred in 808 separate families. |
| 42 " " " 21 families (<i>i.e.</i> 2 in one family). |
| 9 " " " 3 " (<i>i.e.</i> 3 in one family). |

859

That is to say out of the 859 cases occurring in 832 families, only 27 apparently may have contracted the disease as contacts.

Even in these cases the source of infection might have been the same.

TABLE XIV.—TYPHOID FEVER CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases Recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded: per Cent. |
|-----------------------|-------------|---------------------------|--|-------------------|--|--|
| Mûsky... .. | 24,200 | 35 | 1.446 | 6 | 0.247 | 17.1 |
| Bâb el Sha'riya... .. | 66,200 | 34 | 0.513 | 7 | 0.105 | 20.6 |
| Ezbekîya | 64,300 | 147 | 2.286 | 20 | 0.311 | 13.6 |
| 'Abdîn | 61,500 | 88 | 1.430 | 16 | 0.260 | 18.2 |
| Saiyeda Zeinab... .. | 78,300 | 73 | 0.932 | 20 | 0.255 | 27.4 |
| Khalifa | 55,200 | 49 | 0.887 | 24 | 0.434 | 49.0 |
| Helwân | 41,090 | 21 | 0.519 | 2 | 0.048 | 9.5 |
| Darb el-Ahmar... .. | 69,400 | 51 | 0.734 | 14 | 0.201 | 27.4 |
| Gamâlîya | 58,400 | 26 | 0.445 | 3 | 0.051 | 11.5 |
| Shubra | 84,800 | 90 | 1.061 | 21 | 0.247 | 23.3 |
| Bulâq... .. | 94,800 | 101 | 1.065 | 59 | 0.622 | 58.4 |
| Old Cairo | 33,100 | 12 | 0.362 | 6 | 0.181 | 50.0 |
| Wâili | 75,800 | 132 | 1.741 | 28 | 0.369 | 21.2 |
| TOTALS FOR CAIRO ... | 807,090 | 859 | 1.064 | 226 | 0.280 | 26.3 |

Typhus Fever.—The total number of cases recorded during the year was 183 which is the lowest total during the last nine years. The average number of cases during these years was 1,450, the highest total being 4,825 and the lowest 351 (excluding the present year).

The case-rate per thousand of population was 0.226. 113 cases were diagnosed after death.

* 6 of the 808 cases occurred in 3 buildings, 2 in each building.

There were 124 deaths which gives a death-rate of 0·153 per thousand of population and a ratio of deaths to cases recorded of 67·8 per cent.

The highest case-rate was in Gamâliya with 0·462 per thousand of population.

The delousing measures, commenced in 1920, were of course continued and now form a part of the ordinary routine.

Table XV, Figure VII and Chart XI.

TABLE XV.—TYPHUS FEVER CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-------------------------|-------------|---------------------------|--|-------------------|--|---|
| Mûsky | 24,200 | 6 | 0·247 | 2 | 0·082 | 33·3 |
| Bab el Sha'riya... .. | 66,200 | 7 | 0·105 | 6 | 0·090 | 85·7 |
| Ezbekiya | 64,300 | 12 | 0·186 | 6 | 0·093 | 50·0 |
| 'Abdîn | 61,500 | 17 | 0·276 | 11 | 0·178 | 64·7 |
| Saiyeda Zeinab... .. | 78,300 | 10 | 0·127 | 5 | 0·063 | 50·0 |
| Khalifa | 55,200 | 14 | 0·253 | 12 | 0·217 | 85·7 |
| Helwân | 41,090 | 3 | 0·073 | 2 | 0·048 | 66·7 |
| Darb el Ahmar... .. | 69,400 | 21 | 0·302 | 14 | 0·201 | 66·7 |
| Gamâliya | 58,400 | 27 | 0·462 | 24 | 0·410 | 88·9 |
| Shubra | 84,800 | 19 | 0·224 | 10 | 0·117 | 52·6 |
| Bûlâq | 94,800 | 27 | 0·284 | 20 | 0·210 | 74·1 |
| Old Cairo | 33,100 | 4 | 0·120 | 2 | 0·060 | 50·0 |
| Wâili | 75,800 | 16 | 0·211 | 10 | 0·131 | 62·5 |
| TOTALS FOR CAIRO | 807,090 | 183 | 0·226 | 124 | 0·153 | 67·8 |

Relapsing Fever.—There is little to be said about this disease which was quite insignificant this year. Only 13 cases were recorded with 4 deaths

The case-rate was 0·016 per thousand of population and the death-rate 0·004.

The ratio of deaths to cases recorded was 30·8 per cent.

Table XVI, Figure VIII and Chart XII.

TABLE XVI.—RELAPSING FEVER CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICTS. | Population. | Number of Cases recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-------------------------|-------------|---------------------------|--|-------------------|--|---|
| Mûsky | 24,200 | 1 | 0·041 | — | — | — |
| Bâb el Sha'riya... .. | 66,200 | — | — | — | — | — |
| Ezbekiya | 64,300 | 2 | 0·031 | — | — | — |
| 'Abdîn... .. | 61,500 | — | — | — | — | — |
| Saiyeda Zeinab... .. | 78,300 | — | — | — | — | — |
| Khalifa | 55,200 | 1 | 0·018 | — | — | — |
| Helwân | 41,090 | — | — | — | — | — |
| Darb el Ahmar... .. | 69,400 | 4 | 0·057 | 4 | 0·057 | 100·0 |
| Gamâliya | 58,400 | — | — | — | — | — |
| Shubra | 84,800 | 3 | 0·035 | — | — | — |
| Bulâq | 94,800 | — | — | — | — | — |
| Old Cairo | 33,100 | 1 | 0·030 | — | — | — |
| Wâili | 75,800 | 1 | 0·013 | — | — | — |
| TOTALS FOR CAIRO | 807,090 | 13 | 0·016 | 4 | 0·004 | 30·8 |

Cerebro-Spinal Fever.—There were 8 cases of this disease during the year as compared with 14 in 1921 and 28 in 1920.

It is moreover the lowest total during the last nine years. The number of deaths was 6.

The case and death-rates therefore were 0·009 and 0·007 respectively per thousand of population.

Out of the total number of cases 5 were diagnosed after death.
Table XVII, Figure IX and Chart XIII.

TABLE XVII.—CEREBRO-SPINAL FEVER CASE AND DEATH-RATES IN CAIRO DISTRICTS IN 1922.

| DISTRICT. | Population. | Number of Cases Recorded. | Cases recorded per Thousand of Population. | Number of Deaths. | Death-rate per Thousand of Population. | Ratio of Deaths to Cases recorded. Per Cent. |
|-----------------------|-------------|---------------------------|--|-------------------|--|---|
| Músky... .. | 24,200 | 1 | 0·041 | 1 | 0·041 | 100·0 |
| Bâb el Sha'riya... .. | 66,200 | — | — | — | — | — |
| Ezbekiya | 64,300 | 1 | 0·015 | 1 | 0·015 | 100·0 |
| 'Abdîn... .. | 61,500 | 1 | 0·016 | 1 | 0·016 | 100·0 |
| Saiyeda Zeinab... .. | 78,300 | — | — | — | — | — |
| Khalifa | 55,200 | — | — | — | — | — |
| Helwân | 41,090 | 1 | 0·024 | — | 0·024 | 100·0 |
| Darb el Ahmar | 69,400 | — | — | — | — | — |
| Gamâliya | 58,400 | — | — | — | — | — |
| Shubra | 84,800 | 1 | 0·011 | 1 | 0·011 | 100·0 |
| Bulâq | 94,800 | — | — | — | — | — |
| Old Cairo | 33,100 | 1 | 0·030 | 1 | 0·030 | 100·0 |
| Wâili | 75,800 | 2 | 0·026 | — | — | — |
| TOTALS FOR CAIRO ... | 807,090 | 8 | 0·009 | 6 | 0·007 | 75·0 |

Puerperal Fever.—The total number of deaths from puerperal fever during 1922 was 58 out of which 55 were among natives and 3 among Europeans.

There were, however, 27 deaths which occurred within a fortnight of confinement which, if added to the others, would make a total of 85.

The causes of these 27 deaths are given as: abortion 3, hæmorrhage 8, difficult labour 2, eclampsia 5, peritonitis 3, nephritis 1, dysentery 1, uræmia 2, enteritis 1, and heart failure 1.

The death-rate of the cases of puerperal fever was, therefore, 0·074 per thousand of population or 1·394 per thousand births. If the 27 deaths which occurred within a fortnight be added, the death-rate will be 2·043 per thousand of population or 0·109 per thousand births. Table XVIII.

TABLE XVIII.—PUERPERAL FEVER, 1914-1922.

| YEAR. | Deaths from Puerperal Fever. | Deaths within a Fortnight of Confinement. | Total Maternal Deaths. | Death-rate of Puerperal Fever per Thousand of Population. | Death-rate of Puerperal Fever Deaths per Thousand Births. | Death-rate of all Maternal Deaths per Thousand of Population. | Death-rate of all Maternal Deaths per Thousand Births. |
|-------------|------------------------------|---|------------------------|---|---|---|--|
| 1914 | 48 | 30 | 78 | 0·066 | 1·532 | 0·107 | 2·490 |
| 1915 | 85 | 32 | 117 | 0·115 | 2·839 | 0·159 | 3·903 |
| 1916 | 75 | 29 | 104 | 0·113 | 2·406 | 0·140 | 3·336 |
| 1917 | 55 | 27 | 82 | 0·073 | 1·766 | 0·109 | 2·607 |
| 1918 | 85 | 31 | 116 | 0·112 | 3·030 | 0·152 | 4·135 |
| 1919 | 55 | 25 | 80 | 0·072 | 1·720 | 0·105 | 2·502 |
| 1920 | 48 | 30 | 78 | 0·062 | 1·333 | 0·102 | 2·170 |
| 1921 | 60 | 28 | 88 | 0·078 | 1·625 | 0·115 | 2·381 |
| 1922 | 58 | 27 | 85 | 0·074 | 1·394 | 0·109 | 2·043 |

Influenza.—The total number of cases notified during 1922 was 1,461 as against 1,479 in 1921 and 1,587 in 1920.

This gives a case-rate of 1,812 per thousand of population as against 1,862 in 1921 and 2,019 in 1920.

The number of deaths attributed to this disease was 82 which gives a death-rate of 0·101 per thousand of population as compared with 0·138 in 1921.

The number of deaths from all respiratory diseases, excluding pulmonary tuberculosis, was 4,621 out of which 1,900 were due to pneumonia, 2,559 to bronchitis, 24 to pleurisy, and 138 to other respiratory diseases.

Of the 1,900 deaths from pneumonia no less than 1,275 were children up to 5 years of age, 159 from over 5 to 15, 170 from over 15 to 35 and 296 over 35.

Table XIX shows the comparison of deaths from influenza and those from pneumonia and other respiratory diseases.

TABLE XIX.—INFLUENZA AND RESPIRATORY DISEASES, 1922.

| WEEK ENDING | | Influenza Cases. | Deaths from Influenza. | Deaths from Pneumonia and Broncho-Pneumonia. | Deaths from all Respiratory Diseases, excluding Broncho-Pneumonia. | WEEK ENDING | | Influenza Cases. | Deaths from Influenza. | Deaths from Pneumonia and Broncho-Pneumonia. | Deaths from all Respiratory Diseases, excluding Broncho-Pneumonia. |
|---------------|----------------|------------------|------------------------|--|--|-------------|----------------|------------------|------------------------|--|--|
| 1 | January 7 ... | 24 | — | 26 | 77 | 27 | July 8... | 18 | — | 26 | 83 |
| 2 | " 14 ... | 21 | — | 25 | 70 | 28 | " 15... | 17 | — | 40 | 95 |
| 3 | " 21 ... | 18 | — | 26 | 87 | 29 | " 22... | 13 | — | 50 | 109 |
| 4 | " 28 ... | 30 | 3 | 43 | 101 | 30 | " 29... | 17 | 1 | 52 | 92 |
| 5 | February 4 ... | 26 | 5 | 31 | 93 | 31 | August 5... | 13 | 1 | 36 | 95 |
| 6 | " 11 ... | 25 | — | 28 | 98 | 32 | " 12... | 18 | — | 42 | 84 |
| 7 | " 18 ... | 48 | 4 | 20 | 75 | 33 | " 19... | 17 | — | 58 | 88 |
| 8 | " 25 ... | 87 | — | 32 | 105 | 34 | " 26... | 14 | — | 49 | 80 |
| 9 | March 4 ... | 139 | 2 | 37 | 107 | 35 | September 2... | 20 | 1 | 32 | 59 |
| 10 | " 11 ... | 132 | 6 | 36 | 138 | 36 | " 9... | 6 | — | 38 | 60 |
| 11 | " 18 ... | 121 | 9 | 41 | 134 | 37 | " 16... | 6 | — | 21 | 60 |
| 12 | " 25 ... | 70 | 2 | 44 | 127 | 38 | " 23... | 16 | — | 23 | 60 |
| 13 | April 1 ... | 61 | 8 | 34 | 97 | 39 | " 30... | 13 | — | 20 | 59 |
| 14 | " 8 ... | 31 | 2 | 32 | 84 | 40 | October 7... | 13 | — | 20 | 47 |
| 15 | " 15 ... | 26 | 9 | 33 | 98 | 41 | " 14... | 9 | 1 | 17 | 48 |
| 16 | " 22 ... | 24 | 2 | 32 | 97 | 42 | " 21... | 22 | — | 26 | 57 |
| 17 | " 29 ... | 22 | 2 | 39 | 96 | 43 | " 28... | 14 | — | 22 | 52 |
| 18 | May 6 ... | 13 | — | 39 | 89 | 44 | November 4... | 15 | 1 | 17 | 41 |
| 19 | " 13 ... | 12 | 1 | 37 | 96 | 45 | " 11 .. | 36 | 1 | 23 | 70 |
| 20 | " 20 ... | 24 | — | 39 | 97 | 46 | " 18... | 13 | — | 39 | 73 |
| 21 | " 27 ... | 14 | 2 | 36 | 100 | 47 | " 25... | 15 | 3 | 54 | 95 |
| 22 | June 3 ... | 7 | 2 | 33 | 80 | 48 | December 2... | 19 | 2 | 44 | 80 |
| 23 | " 10 ... | 18 | 1 | 45 | 98 | 49 | " 9... | 20 | — | 53 | 96 |
| 24 | " 17 ... | 17 | — | 32 | 120 | 50 | " 16... | 19 | 3 | 62 | 110 |
| 25 | " 24 ... | 13 | 1 | 54 | 125 | 51 | " 23... | 12 | 1 | 59 | 108 |
| 26 | July 1 ... | 25 | 3 | 46 | 111 | 52 | " 31... | 18 | 2 | 66 | 120 |
| TOTALS | | | | | | | | 1,461 | 82 | 1,900 | 4,621 |

Encephalitis Lethargica.—There were 3 cases notified during the year all of whom died.

| Case. | Date of Notification. | Date of Onset. | Age. | Sex. | Nationality. | District. | Result. |
|-------|-----------------------|----------------|------|--------|--------------|---------------|------------------|
| 1 | July, 16 | July, 7 | 2 | Female | Greek | Mûsky | Death (July, 20) |
| 2 | Dec., 24 | Dec., 12 | 50 | Male | Armenian | Ezbekiya | " (Dec. 24) |
| 3 | Dec., 29 | Dec., 22 | 30 | " | Italian | Darb el Ahmar | " (, 30) |

Case Mortality of Infectious Disease.—For the benefit of readers of this report, who are unfamiliar with the conditions under which work is carried on in this country, it would perhaps be as well to say a few words with regard to the figures shown for case-mortality which must appear to be enormous.

The fact is that the notification of infectious disease is very defective. Many doctors are lax in the performance of this legal obligation. In a very great number of cases (*see* Table XX, *also* Table XVII in Death Inquiries) no doctor is called in during life, the disease being diagnosed only after death. Cases of recovery from the disease unattended by a doctor never come to our knowledge. The degree to which the case-mortality figures are affected by this state of affairs varies according to the nature of the disease. For example the case-mortality figure for smallpox is probably nearly correct but that for measles is very much higher than the fact, the reason being that smallpox makes its existence so

evident that it cannot well be concealed and notification of cases which eventually recover takes place to a far greater extent than occurs with regard to other diseases such as measles.

Again, as all foreigners call in a doctor to attend their sick, those diseases to which foreigners appear to be more susceptible than natives—such as scarlet fever—are likely to be better notified. The case-mortality figures for such diseases will therefore be less widely in error.

TABLE XX.—DEATHS FROM INFECTIOUS DISEASES IN 1922 COMPARED WITH 1914-1921.

| Diseases. | Number of Cases notified in 1922. | Number of Deaths in 1922. | Number of Cases Diagnosed after Death in 1922. | Average Number of Cases notified 1914-1921. | Ratio of Deaths to Cases in 1922. | Average Ratio of Deaths to Cases 1914-1921. |
|-----------------------------|-----------------------------------|---------------------------|--|---|-----------------------------------|---|
| | | | | | Per Cent. | Per Cent. |
| Smallpox | 24 | 10 | 8 | 377 | 41·7 | 23·3 |
| Measles | 982 | 322 | 322 | 697 | 33·8 | 38·9 |
| Scarlet Fever | 68 | 2 | 1 | 88 | 2·9 | 9·0 |
| Diphtheria | 418 | 146 | 122 | 773 | 34·9 | 36·2 |
| Typhoid Fever | 859 | 226 | 195 | 1,372 | 26·3 | 31·2 |
| Typhus Fever | 183 | 124 | 113 | 1,917 | 67·8 | 55·0 |
| Relapsing Fever | 13 | 4 | 4 | 483 | 30·8 | 6·5 |
| Cerebro-Spinal Fever | 8 | 6 | 5 | 42 | 75·0 | 55·2 |
| TOTALS | 2,555 | 850 | 770 | 5,749 | 33·3 | 37·3 |

DISINFECTION SERVICE.

The total number of rooms disinfected during 1922 was 19,148. Of this total 8, 771 were done by the Abbasiya Service and 10,377 by the Fum el Khalig Staff.

This makes an average of 24 rooms per day for Abbasiya and 28·4 for Fum el Khalig.

Of the total number of rooms disinfected 11,407 were treated by Sublimate solution, 6,549 by Cyllin, 861 by Formalin and 331 by Petroleum Emulsion.

In addition there were 105,547 articles of clothing removed to the two Stations for disinfection by steam. Of this total 69,934 articles were disinfected at Abbasiya and 35,613 at Fum el Khalig.

Delousing.—The total number of contacts of typhus and relapsing fever who were deloused during the year was 1,214 of which 680 were males and 534 females.

III.—GOVERNMENT FEVER HOSPITAL, ABBASIYA.

The carrying out of the building programme of the hospital has been resumed.

The Epidemic Cordon was completed and consists of spacious pavilions twelve in number with walls of asbestos-cement sheeting. Each group of four pavilions has its own equipment store. Sufficient special latrine accommodation is also provided. The cordon is therefore self-contained.

The construction of the following buildings was commenced and good progress was made by the end of the year:—

House for Medical Officers.

New Administration Block.

New First Class Patients' Pavilion.

Garage for motor ambulances with benzine store and rest-room for nobatchi chauffeur.

IV.—SUMMARY OF ADMISSIONS.

During the year 1922 there were 1,705 admissions to the Government Fever Hospital as compared with 1,983 in 1921. Of these admissions 1,328 were males and 377 were females. Table XXI.

The number of patients admitted each month was as follows: 98 in January, 107 in February, 177 in March, 116 in April, 124 in May, 172 in June, 188 in July, 196 in August, 151 in September, 168 in October, 113 in November and 95 in December. Table XXII.

The admissions consisted of 12 smallpox, 19 of chickenpox, 40 of measles, 7 of scarlet fever, (221 typhoid fever+11 paratyphoid=232), 66 of typhus, 7 of relapsing fever, 6 of cerebro-spinal fever, 39 of diphtheria, 30 of mumps, 834 of influenza, 4 of erysipelas and 1 whooping cough. In addition 262 other cases were sent to hospital under a mistaken diagnosis of infectious disease and 24 persons were sent in under observation in whom no disease of any sort manifested itself. 123 mothers of young children and other persons also accompanied patients. Tables XXI and XXIII.

The 261 cases sent to hospital under a mistaken diagnosis of infectious diseases were found on examination to consist of 41 gastro-enteritis, 24 of malaria, 19 of pneumonia, 7 of bronchitis, 15 of tuberculosis, 30 of tonsillitis, 13 of dysentery, 7 of rheumatism, 12 of various skin diseases and 93 other cases of a most diverse nature consisting of hernia, kidney disease, tumours, heart disease, etc.

Of the 1,705 admissions 42 were first class, 160 second class and 1,503 third class. Table XXIII.

The admissions from the eight principal notifiable diseases (smallpox, measles, scarlet fever, diphtheria, typhoid fever, typhus fever, the relapsing and cerebro-spinal fever) were 417.

There were 136 deaths in Hospital during 1922, or estimated on the 1,705 admissions, 8 per cent of the cases admitted.

Of these, there were 24 caused by typhus, with a case mortality of 36·4 per cent, 52 by typhoid with a case mortality of 23·5 per cent, 6 by influenza with a case mortality of 0·7 per cent, 13 by diphtheria with a case mortality of 33·3 per cent, 1 by smallpox with a case mortality of 8·3 per cent, 4 by cerebro-spinal fever with a case mortality of 66·7 per cent. Table XXIV.

The high mortality in typhoid, typhus and diphtheria is due to the fact that patients suffering from these diseases were admitted to the hospital in a very advanced condition and did not therefore benefit by the treatment.

The high mortality in cerebro-spinal fever is also misleading on account of two factors : (1) The number of patients suffering from this disease was very small (6), (2) 4 of these who died were admitted in the last stage and expired a few hours after their admission.

By deducting the number of patients who died within 2 or 3 days of their admission from the total number of deaths in each of the above-mentioned diseases, the death-rate will be as follows :—

Typhoid : total number of deaths 52. Of these 17 died within 2 or 3 days of their admission, remain 35, *i.e.*, a mortality of 15 per cent.

Typhus : total number of deaths 24. Of these 12 died within 2 or 3 days of their admission, remain 12, *i.e.*, a mortality of 18 per cent.

Diphtheria : total number of deaths 13. Of these 8 died within 2 or 3 days of their admission, remain 5, *i.e.*, a mortality of 15 per cent.

Cerebro-spinal fever : total number of deaths 4, of whom 2 died a few hours after admission, remain 2, *i.e.*, a mortality of 33·3 per cent.

In addition there were 31 amongst patients sent in under a mistaken diagnosis of various infectious diseases and whose condition on arrival did not permit of a refusal of admission.

These are 2 concussion of brain, 3 nephritis, 2 septicæmia, 3 senility, 2 encephelomyelitis, 3 tetanus, 1 tuberculosis, 5 enteritis and 10 pneumonia.

Included amongst the 1,503 third class patients were 22 sick convicts from Cairo Prisons. Of these, 6 were suffering from typhoid, 1 from typhus, 8 from influenza, 2 from mumps, 1 from pneumonia, 1 from tuberculosis, 2 from enteritis and 1 from tonsillitis.

Of the convict patients 3 died, death being due to typhoid in 2 cases, and to enteritis in 1. Table XXV.

The convict mortality was therefore 13·6 per cent of the total number of convicts admitted in 1922. Table XXVI.

TABLE XXI.—GOVERNMENT FEVER HOSPITAL.
MALE AND FEMALE PATIENTS ADMITTED EACH MONTH AND THE DISEASES FOR WHICH
THEY WERE ADMITTED IN 1922.

| MONTH. | SEX. | Smallpox. | Chicken-pox. | Measles. | Scarlet Fever. | Typhoid Fever. | Typhus Fever. | Relapsing Fever. | Cerebro-spinal Fever. | Diphtheria. | Mumps. | Influenza. | Erysipelas. | Other Diseases. | Observation Cases. | Persons accompanying Sick. | Paratyphoid Fever. | Para-Malta Fever. | TOTAL. |
|------------|------------|-----------|--------------|----------|----------------|----------------|---------------|------------------|-----------------------|-------------|--------|------------|-------------|-----------------|--------------------|----------------------------|--------------------|-------------------|--------|
| January | Male ... | — | 1 | — | — | 4 | 2 | — | 1 | 1 | 1 | 57 | — | 12 | — | — | — | — | 79 |
| | Female ... | — | — | — | — | 1 | — | — | — | 2 | — | 6 | — | 5 | — | 4 | 1 | — | 19 |
| February | Male ... | — | 1 | — | — | 5 | 3 | — | — | — | — | 51 | — | 15 | — | 1 | 2 | — | 78 |
| | Female ... | — | — | — | — | 1 | 2 | — | 1 | 1 | 5 | 7 | — | 7 | — | 5 | — | — | 29 |
| March ... | Male ... | — | 3 | 1 | — | 8 | 6 | 1 | — | 1 | — | 103 | — | 15 | — | 2 | — | — | 140 |
| | Female ... | — | 2 | 1 | 1 | 3 | 3 | — | — | 3 | — | 5 | — | 5 | — | 13 | 1 | — | 37 |
| April ... | Male ... | — | 2 | 1 | — | 8 | 8 | 1 | 1 | 1 | 1 | 37 | 1 | 20 | 4 | 2 | — | — | 87 |
| | Female ... | — | 2 | — | — | 1 | 3 | — | — | 1 | 1 | 6 | 1 | 3 | — | 11 | — | — | 29 |
| May ... | Male ... | — | — | 8 | 2 | 12 | 7 | 2 | — | 1 | — | 44 | 1 | 8 | 4 | 5 | 1 | — | 95 |
| | Female ... | 5 | — | 5 | 1 | 3 | 1 | — | — | 3 | — | 9 | — | 1 | — | 1 | — | — | 29 |
| June ... | Male ... | 2 | — | 3 | — | 19 | 5 | 1 | — | — | 2 | 81 | 1 | 13 | 3 | — | 1 | — | 131 |
| | Female ... | 1 | 3 | 1 | 1 | 5 | — | — | — | 1 | — | 9 | — | 4 | — | 13 | — | — | 41 |
| July ... | Male ... | 1 | — | 14 | — | 21 | 1 | — | — | 3 | 4 | 73 | — | 21 | 1 | 1 | — | — | 140 |
| | Female ... | 3 | 2 | — | 1 | 16 | 1 | — | — | — | — | 3 | — | 4 | 1 | 17 | — | — | 48 |
| August | Male ... | — | — | — | — | 23 | 9 | 2 | — | 1 | 2 | 94 | — | 17 | 4 | — | 1 | — | 153 |
| | Female ... | — | — | — | — | 10 | 1 | — | 1 | 2 | 1 | 6 | — | 9 | 1 | 10 | 2 | — | 43 |
| September | Male ... | — | — | — | — | 25 | 3 | — | — | — | 3 | 68 | — | 18 | 3 | 1 | 1 | — | 122 |
| | Female ... | — | — | 1 | — | 6 | 1 | — | — | 4 | — | 2 | — | 6 | — | 9 | — | — | 29 |
| October | Male ... | — | — | 1 | — | 21 | 4 | — | 1 | — | 6 | 76 | — | 35 | 1 | 1 | — | — | 146 |
| | Female ... | — | — | — | — | 2 | 1 | — | — | 2 | — | 4 | — | 5 | — | 8 | — | — | 22 |
| November | Male ... | — | — | — | — | 14 | — | — | 1 | 5 | 2 | 48 | — | 15 | — | — | — | — | 85 |
| | Female ... | — | — | — | — | 4 | — | — | — | 2 | 2 | 1 | — | 8 | 1 | 10 | — | — | 28 |
| December | Male ... | — | 2 | 1 | 1 | 7 | 3 | — | — | 3 | — | 39 | — | 13 | 1 | 1 | 1 | — | 72 |
| | Female ... | — | 1 | — | — | 2 | 2 | — | — | 2 | — | 5 | — | 3 | — | 8 | — | — | 23 |
| TOTAL ... | Male ... | 3 | 9 | 29 | 3 | 167 | 51 | 7 | 4 | 16 | 21 | 771 | 3 | 202 | 21 | 14 | 7 | — | 1,328 |
| | Female ... | 9 | 10 | 11 | 1 | 54 | 15 | — | 2 | 23 | 9 | 63 | 1 | 60 | 3 | 109 | 4 | — | 377 |
| TOTALS ... | | 12 | 19 | 40 | 7 | 221 | 66 | 7 | 6 | 39 | 30 | 834 | 4 | 262 | 24 | 123 | 11 | — | 1,705 |

TABLE XXII.—GOVERNMENT FEVER HOSPITAL.
ADMISSIONS PER MONTH BY CLASSES AND SEX DURING 1922.

| | | | |
|---------------------|-------|--------------------|-------|
| Admissions | 1,705 | Third Class | 1,503 |
| Male | 1,328 | Cured | 1,542 |
| Female... .. | 377 | Died | 136 |
| First Class | 42 | Unrelieved | 27 |
| Second Class | 160 | | |

| MONTH. | TOTAL. | SEX. | | CLASS. | | |
|------------------|--------|-------|---------|--------|---------|--------|
| | | Male. | Female. | First. | Second. | Third. |
| January | 98 | 79 | 19 | 1 | 15 | 82 |
| February | 107 | 78 | 29 | 2 | 6 | 99 |
| March... .. | 177 | 140 | 37 | 7 | 16 | 154 |
| April | 116 | 87 | 29 | 3 | 12 | 101 |
| May | 124 | 95 | 29 | 8 | 10 | 106 |
| June | 172 | 131 | 41 | 2 | 16 | 154 |
| July | 188 | 140 | 48 | 7 | 20 | 161 |
| August | 196 | 153 | 43 | 7 | 15 | 174 |
| September | 151 | 122 | 29 | 0 | 9 | 142 |
| October | 168 | 146 | 22 | 4 | 12 | 152 |
| November | 113 | 85 | 28 | 0 | 14 | 99 |
| December | 95 | 72 | 23 | 1 | 15 | 79 |
| TOTAL ... | 1,705 | 1,328 | 377 | 42 | 160 | 1,503 |

TABLE XXIII.—GOVERNMENT FEVER HOSPITAL.

ADMISSIONS BY CLASSES PER MONTH AND THE DISEASES FOR WHICH THEY WERE ADMITTED
DURING 1922.

| MONTH. | CLASS. | Smallpox. | Chicken-pox. | Measles. | Scarlet Fever. | Typhoid Fever. | Typhus Fever. | Relapsing Fever. | Cerebro-spinal Fever. | Diphtheria. | Mumps. | Influenza. | Erysipelas. | Other Diseases. | Observation Cases. | Persons accompanying Sick | Paratyphoid Fever. | Para-Malta Fever. | TOTAL. |
|-------------|------------|-----------|--------------|----------|----------------|----------------|---------------|------------------|-----------------------|-------------|--------|------------|-------------|-----------------|--------------------|---------------------------|--------------------|-------------------|--------|
| January ... | First ... | — | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | 1 |
| | Second ... | — | 1 | — | — | — | — | — | 1 | 2 | — | 5 | — | 1 | — | 4 | 1 | — | 15 |
| | Third ... | — | — | — | — | 4 | 2 | — | — | 1 | 1 | 58 | — | 16 | — | — | — | — | 82 |
| February | First ... | — | — | — | — | 1 | — | — | — | 1 | — | — | — | — | — | — | — | — | 2 |
| | Second ... | — | — | — | — | — | 1 | — | — | — | — | 1 | — | 2 | — | 2 | — | — | 6 |
| | Third ... | — | 1 | — | — | 5 | 4 | — | 1 | — | 5 | 57 | — | 20 | — | 4 | 2 | — | 99 |
| March ... | First ... | — | 1 | — | — | 1 | 2 | — | — | — | — | — | — | — | — | 2 | 1 | — | 7 |
| | Second ... | — | — | 1 | — | 2 | 1 | — | — | 2 | — | 3 | — | 4 | — | 3 | — | — | 16 |
| | Third ... | — | 4 | 1 | 1 | 8 | 6 | 1 | — | 2 | — | 105 | — | 16 | — | 10 | — | — | 154 |
| April ... | First ... | — | — | — | — | — | 1 | — | 1 | — | — | — | — | — | — | 1 | — | — | 3 |
| | Second ... | — | 1 | — | — | 1 | 1 | — | — | 1 | — | — | — | 3 | 1 | 4 | — | — | 12 |
| | Third ... | — | 3 | 1 | — | 8 | 9 | 1 | — | 1 | 2 | 43 | 2 | 20 | 3 | 8 | — | — | 101 |
| May... | First ... | 2 | — | 2 | — | — | 1 | — | — | 1 | — | — | — | 1 | — | — | 1 | — | 8 |
| | Second ... | 1 | — | — | 2 | 1 | 1 | — | — | 1 | — | — | 1 | — | — | 3 | — | — | 10 |
| | Third ... | 2 | — | 11 | 1 | 14 | 6 | 2 | — | 2 | — | 53 | — | 8 | 4 | 3 | — | — | 106 |
| June ... | First ... | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 | — | — | — | — | 2 |
| | Second ... | 1 | — | — | — | 7 | — | — | — | — | — | — | — | 1 | — | 7 | — | — | 16 |
| | Third ... | 2 | 3 | 7 | 1 | 17 | 5 | — | — | 1 | 2 | 90 | 1 | 15 | 3 | 6 | 1 | — | 154 |
| July... | First ... | — | — | — | — | 3 | — | — | — | 1 | 1 | — | — | — | — | 2 | — | — | 7 |
| | Second ... | 1 | 1 | 1 | — | 10 | — | — | — | — | — | 1 | — | 1 | — | 5 | — | — | 20 |
| | Third ... | 3 | 1 | 13 | 1 | 24 | 2 | — | — | 2 | 3 | 75 | — | 24 | 2 | 11 | — | — | 161 |
| August ... | First ... | — | — | — | — | 5 | 1 | — | — | — | — | — | — | — | — | 1 | — | — | 7 |
| | Second ... | — | — | — | — | 5 | 1 | — | — | 1 | — | 1 | — | 4 | — | 3 | — | — | 15 |
| | Third ... | — | — | — | — | 23 | 8 | 2 | 1 | 2 | 3 | 99 | — | 22 | 5 | 6 | 3 | — | 174 |
| September | First ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Second ... | — | — | — | — | 5 | 1 | — | — | — | — | 2 | — | — | — | 1 | — | — | 9 |
| | Third ... | — | — | 1 | — | 26 | 3 | — | — | 4 | 3 | 68 | — | 24 | 3 | 9 | 1 | — | 142 |
| October ... | First ... | — | — | — | — | 1 | — | — | — | — | — | — | — | 2 | — | 1 | — | — | 4 |
| | Second ... | — | — | — | — | 2 | 1 | — | — | 1 | — | — | — | 6 | — | 2 | — | — | 12 |
| | Third ... | — | — | 1 | — | 20 | 4 | — | 1 | 1 | 6 | 80 | — | 32 | 1 | 6 | — | — | 152 |
| November | First ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Second ... | — | — | — | — | 2 | — | — | — | 2 | — | — | — | 8 | — | 2 | — | — | 14 |
| | Third ... | — | — | — | — | 16 | — | — | 1 | 5 | 4 | 49 | — | 15 | 1 | 8 | — | — | 99 |
| December | First ... | — | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — | — | 1 |
| | Second ... | — | — | 1 | 1 | 3 | 3 | — | — | 3 | — | 2 | — | 1 | — | 1 | — | — | 15 |
| | Third ... | — | 3 | — | — | 6 | 2 | — | — | 1 | — | 42 | — | 15 | 1 | 8 | 1 | — | 79 |
| Total ... | First ... | 2 | 1 | 2 | — | 12 | 5 | 1 | 1 | 4 | 1 | — | — | 4 | — | 7 | 2 | — | 42 |
| | Second ... | 3 | 3 | 3 | 3 | 38 | 10 | — | 1 | 13 | — | 15 | 1 | 31 | 1 | 37 | 1 | — | 170 |
| | Third ... | 7 | 15 | 35 | 4 | 171 | 51 | 6 | 4 | 22 | 29 | 819 | 3 | 227 | 23 | 79 | 8 | — | 1,503 |
| TOTALS ... | | 12 | 19 | 40 | 7 | 221 | 66 | 7 | 6 | 39 | 30 | 834 | 4 | 262 | 24 | 123 | 11 | — | 1,705 |

TABLE XXIV.—GOVERNMENT FEVER HOSPITAL. MONTHLY MORTALITY INCIDENCE IN 1922.

| MONTH. | Smallpox. | Chicken-pox. | Measles. | Scarlet fever. | Typhoid Fever. | Typhus Fever. | Relapsing Fever. | Cerebro-spinal Fever. | Diphtheria. | Mumps. | Influenza. | Erysipelas. | Other Diseases. | Pneumonia. | Tuberculosis. | Tetanus. | Para Malta. | TOTAL. |
|-------------|-----------|--------------|----------|----------------|----------------|---------------|------------------|-----------------------|-------------|--------|------------|-------------|-----------------|------------|---------------|----------|-------------|--------|
| January ... | — | — | — | — | 1 | 1 | — | — | 1 | — | — | — | — | 1 | — | 1 | — | 5 |
| February | — | — | — | — | 2 | 1 | — | 1 | — | — | — | — | 1 | — | — | — | — | 5 |
| March ... | — | — | — | — | 3 | 2 | — | — | 1 | — | 3 | — | 1 | 1 | 1 | — | — | 12 |
| April ... | — | — | — | — | 1 | 6 | — | — | 1 | — | 1 | — | 1 | 1 | — | — | — | 11 |
| May... ... | — | — | — | — | — | 5 | — | 1 | 1 | — | — | — | — | — | — | — | — | 7 |
| June ... | 1 | — | 1 | — | 4 | 2 | — | — | — | — | 1 | — | 1 | 1 | — | — | — | 11 |
| July... ... | — | — | 1 | — | 12 | 2 | — | — | 1 | — | 1 | — | 7 | 1 | — | — | — | 25 |
| August ... | — | — | 1 | — | 14 | 2 | — | 1 | 2 | 1 | — | — | 1 | 1 | — | — | — | 23 |
| September | — | — | 1 | — | 7 | 1 | — | — | — | — | — | — | — | — | — | 2 | — | 11 |
| October ... | — | — | — | — | 3 | 1 | — | — | 3 | — | — | — | 3 | 1 | — | — | — | 11 |
| November | — | — | — | — | — | — | — | 1 | 2 | — | — | — | 1 | 1 | — | — | — | 5 |
| December | — | — | — | — | 5 | 1 | — | — | 1 | — | — | — | 1 | 2 | — | — | — | 10 |
| TOTAL ... | 1 | — | 4 | — | 52 | 24 | — | 4 | 13 | 1 | 6 | — | 17 | 10 | 1 | 3 | — | 136 |

TABLE XXV.—MONTHLY CONVICT ADMISSIONS AND CONVICT DISEASES IN 1922.

| MONTH. | Typhus Fever. | Typhoid Fever. | Influenza. | Mumps. | Pneumonia. | Phthisis. | Enteritis. | Tonsillitis. | TOTAL. |
|------------------|---------------|----------------|------------|--------|------------|-----------|------------|--------------|--------|
| January | 1 | 1 | 1 | 1 | 1 | 1 | — | — | 6 |
| February | — | — | — | — | — | — | 2 | — | 2 |
| March | — | 1 | 4 | — | — | — | — | 1 | 6 |
| April | — | — | — | — | — | — | — | — | 0 |
| May | — | — | 1 | — | — | — | — | — | 1 |
| June | — | 1 | — | — | — | — | — | — | 1 |
| July | — | 1 | — | 1 | — | — | — | — | 2 |
| August | — | — | 1 | — | — | — | — | — | 1 |
| September | — | — | — | — | — | — | — | — | — |
| October | — | 1 | — | — | — | — | — | — | 1 |
| November | — | — | — | — | — | — | — | — | — |
| December | — | 1 | 1 | — | — | — | — | — | 2 |
| TOTAL | 1 | 6 | 8 | 2 | 1 | 1 | 2 | 1 | 22 |

TABLE XXVI.—MONTHLY CONVICT MORTALITY AND CAUSES OF DEATH IN 1922.

| MONTH. | DISEASES. | | TOTAL. |
|------------------|-----------|------------|--------|
| | Typhoid | Enteritis. | |
| January | — | — | — |
| February | — | — | — |
| March | — | — | — |
| April | — | 1 | 1 |
| May | — | — | — |
| June | — | — | — |
| July | — | — | — |
| August | — | — | — |
| September | — | — | — |
| October | 1 | — | 1 |
| November | — | — | — |
| December | 1 | — | 1 |
| TOTAL | 2 | 1 | 3 |

V.—AMBULANCE SERVICE.

During 1922 there were 1,226 calls made on the Ambulance Service as against 1,570 in 1921.

Of this total 1,033 journeys were made by the Motor Ambulances, 10 by the second class ambulance, 26 by the third class and 157 by the Hooded Carts.

DEATH INQUIRIES.

The total number of uncertified deaths during 1922 which required to be investigated was 17,951 as against 15,582 in 1921. The proportion, therefore, of uncertified deaths to the total Cairo deaths (*i.e.* 26,692) was 67·2 per cent as against 66·1 per cent in 1921. Out of the 17,951 uncertified deaths 12,005 were investigated by the District Medical Officers, that is 66·9 per cent, 4,874 or 27·1 per cent were inquired into by the District *kablas*, 1,019 or 5·7 per cent by the Sanitary Barbers and 53 or 0·3 per cent by the village *dayas*.

Therefore the daily average of inquiries was 49·2, the average per day for the Medical Officers being 32·9, for the *hakimas* 13·2, for the village barbers 2·7, and for the village *dayas* 0·1.

As in 1921 the largest number of inquiries were made by the Medical Officer of Khalîfa who investigated 1,563 deaths, whilst again the *hakima* of Bulâq I had the largest record having made 1,813 inquiries. Table XXVII.

VACCINATIONS.

The total number of vaccinations carried out during 1922 by the District Medical Officers and those of the Inspectorate was 42,868. Of this total 37,650 were primary vaccinations, 37,049 of which were among natives and 601 among foreigners.

The remaining 5,137 were secondary vaccinations of contacts of smallpox or of persons voluntarily applying for this.

TABLE XXVII.—DISTRIBUTION OF UNCERTIFIED DEATHS AND DEATH INQUIRIES IN THE VARIOUS DISTRICTS IN 1922.

| DISTRICT. | All Deaths. | UNCERTIFIED DEATHS. | | | | | Percentage of Deaths Uncertified. |
|----------------------------|-------------|--|--|---|--|------------------|-----------------------------------|
| | | Investigated by District Medical Officers. | Investigated by District <i>Kablas</i> . | Investigated by Village Sanitary Barbers. | Investigated by Village <i>Dayas</i> . | District Totals. | |
| | | | | | | | Per Cent. |
| Mûsky | 679 | 249 | 30 | — | — | 279 | 41·1 |
| Bâb el Sha'riya | 2,153 | 1,044 | 162 | — | — | 1,206 | 56·0 |
| Ezbekiya | 1,460 | 264 | 116 | — | — | 380 | 26·0 |
| 'Abdîn | 1,804 | 963 | 164 | — | — | 1,127 | 62·5 |
| Saiyeda Zeinab | 2,622 | 927 | 700 | — | — | 1,627 | 62·0 |
| Helwân | 280 | 154 | 17 | — | — | 171 | 61·1 |
| Khalifa | 2,233 | 1,563 | 277 | — | — | 1,840 | 82·4 |
| Darb el Ahmar | 2,215 | 1,132 | 314 | — | — | 1,446 | 65·3 |
| Gamâliya | 2,120 | 1,073 | 254 | — | — | 1,327 | 62·6 |
| Shubra | 2,968 | 1,318 | 248 | 572 | 9 | 2,147 | 72·3 |
| Bulâq ... { Bulâq I | 4,140 | { 458 | 1,813 | — | — | 2,271 | { 83·4 |
| { Bulâq II | | { 808 | 373 | — | — | 1,181 | |
| Old Cairo | 1,536 | 1,016 | 257 | — | — | 1,273 | 82·9 |
| Wâili ... { Zeitûn | 2,482 | { 305 | 23 | 447 | 44 | 819 | { 67·5 |
| { 'Abbâsiya | | { 731 | 126 | — | — | 857 | |
| TOTALS FOR CAIRO | 26,692 | 12,005 | 4,874 | 1,019 | 53 | 17,951 | 67·2 |

VI.—PASSENGER AND PILGRIM CONTROL SERVICE.

(a) PASSENGER SERVICE.

During 1922 there was a large increase of passengers from infected countries as compared with recent years.

The total number arriving in Cairo was 12,595, that is to say nearly four thousand more than in 1921.

Out of this total, 8,963 or 71·2 per cent came *via* Alexandria, 2,213 or 17·6 per cent *via* Port Said and 1,419 or 11·3 per cent *via* Suez.

Out of the 12,595 passengers, 10,737 or 85·2 per cent were observed during the whole regular period of observation, 1,323 or 10·5 per cent could only be observed part of the period, and 535 or 4·2 per cent could not be traced.

The majority of the passengers consisted of refugees coming from Turkey (4,347), Greece (2,711) and Syria (3,032). Tables XXVIII and XXIX.

There were also 9,862 Egyptian labourers coming from the Canal Zone.

Out of this total 9,066 or 91·9 per cent were observed whilst 796 or 8·1 per cent could not be traced.

Besides this total there were 983 labourers who came up for observation but who had not been notified to the Inspectorate. Table XXX.

(b) PILGRIM SERVICE.

The total number of passports issued by the Governorate during 1922 was 373. Out of this number, 353 returned and underwent the necessary period of observation, 7 died during the pilgrimage, 11 remained behind, 1 was untraced and 1 did not leave Cairo.

There were besides 117 Government employees who were attached to the Mahmal. Of these, 116 returned and were observed whilst 1 never left Cairo. Table XXXI.

TABLE XXIX.—NUMBER OF PASSENGERS FROM FOREIGN COUNTRIES UNDER MEDICAL OBSERVATION WHO ARRIVED IN CAIRO DURING 1922.

| Countries | Via Alexandria. | Via Port Said. | Via Port Suez. | Total. | Observed. | Not traced. | Left before completion of observation. |
|---------------------|--------------------|-------------------|-------------------|--------|-----------|----------------|--|
| Turkey | 4,012 | 333 | 2 | 4,347 | | | |
| Greece | 2,698 | 13 | — | 2,711 | | | |
| Syria | 2,212 | 795 | 25 | 3,032 | | | |
| Black Sea | 11 | — | — | 11 | | | |
| Mesopotamia | — | 65 | 15 | 80 | | | |
| Palestine | — | 13 | — | 13 | | | |
| Cyprus | — | 55 | — | 55 | | | |
| Red Sea | — | 166 | 729 | 895 | | | |
| South Africa | — | 5 | 13 | 18 | | | |
| India | — | 584 | 197 | 781 | | | |
| China | — | 80 | 2 | 82 | | | |
| Japan | — | 56 | 428 | 484 | | | |
| America | 30 | — | 2 | 32 | | | |
| Australia | — | 48 | 6 | 54 | | | |
| Total | 8,963 | 2,213 | 1,419 | 12,595 | 10,737 | 535 | 1,323 |

TABLE XXVIII.—NEW ARRIVALS FROM FOREIGN

| MONTH. | VIA ALEXANDRIA. | | | | | | | | | VIA PORT SAID. | | | | | | | |
|---------------|-----------------------|------------|---------|--------|------------|----------|-----------|-----------|--|-----------------------|---------|---------|--------|----------|--------------|------------|---------|
| | Number of Passengers. | COUNTRIES. | | | | | Observed. | Untraced. | Left before completion of Observation. | Number of Passengers. | | | | | | | |
| | | Turkey. | Greece. | Syria. | Black Sea. | America. | | | | | Turkey. | Greece. | Syria. | Red Sea. | Mesopotamia. | Palestine. | Cyprus. |
| January ... | 509 | 152 | 337 | 20 | — | — | 481 | 24 | 4 | 201 | 24 | — | 86 | — | — | — | — |
| February ... | 462 | 109 | 324 | 29 | — | — | 426 | 30 | 6 | 267 | 12 | — | 122 | 5 | — | — | — |
| March ... | 2,426 | 999 | 292 | 1,135 | — | — | 1,413 | 16 | 997 | 176 | — | — | 64 | 4 | 5 | — | — |
| April ... | 279 | 119 | 128 | 32 | — | — | 232 | 2 | 45 | 173 | 18 | — | 76 | — | — | — | — |
| May ... | 166 | 124 | 12 | 30 | — | — | 162 | — | 4 | 103 | 25 | — | 30 | — | — | — | — |
| June ... | 187 | 111 | 52 | 24 | — | — | 174 | 6 | 7 | 113 | 44 | 3 | 18 | 4 | 1 | — | — |
| July ... | 222 | 158 | 50 | 14 | — | — | 213 | 5 | 4 | 145 | 10 | 9 | 97 | — | — | 6 | — |
| August ... | 857 | 208 | 115 | 534 | — | — | 839 | 7 | 11 | 76 | 22 | — | 34 | — | 1 | — | — |
| September ... | 917 | 532 | 243 | 139 | 3 | — | 901 | 13 | 3 | 122 | 18 | — | 58 | — | — | — | — |
| October ... | 1,294 | 601 | 565 | 95 | 3 | 30 | 1,280 | 8 | 6 | 350 | 101 | 1 | 45 | 146 | — | — | 23 |
| November ... | 883 | 382 | 430 | 66 | 5 | — | 857 | 7 | 19 | 337 | 36 | — | 139 | 7 | 53 | 7 | 32 |
| December ... | 761 | 517 | 150 | 94 | — | — | 741 | 11 | 9 | 150 | 23 | — | 26 | — | 5 | — | — |
| TOTAL ... | 8,963 | 4,012 | 2,698 | 2,212 | 11 | 30 | 7,719 | 129 | 1115 | 2,213 | 333 | 13 | 795 | 166 | 65 | 13 | 55 |

COUNTRIES UNDER MEDICAL OBSERVATION IN 1922.

| AID. | | | | | | | | VIA PORT SUEZ. | | | | | | | | | | | | |
|------------|--------|--------|---------------|------------|-----------|-----------|--|-----------------------|----------|--------|--------|--------|---------|--------|--------------|----------|------------|-----------|-----------|--|
| COUNTRIES. | | | | | | | | COUNTRIES. | | | | | | | | | | | | |
| India. | China. | Japan. | South Africa. | Australia. | Observed. | Untraced. | Left Before completion of Observation. | Number of Passengers. | Red Sea. | India. | China. | Japan. | Turkey. | Syria. | Mesopotamia. | America. | Australia. | Observed. | Untraced. | Left Before completion of Observation. |
| 79 | 1 | — | — | 11 | 167 | 34 | — | 58 | 41 | — | — | 2 | — | — | 10 | — | — | 53 | 5 | — |
| 108 | 5 | 2 | — | 9 | 241 | 26 | — | 57 | 52 | 4 | 1 | — | — | — | — | — | — | 50 | 7 | — |
| 83 | 22 | 2 | — | — | 106 | 41 | 29 | 81 | 57 | 18 | — | — | — | 5 | 1 | — | — | 76 | 3 | 2 |
| 70 | 5 | 1 | — | 3 | 159 | 13 | 1 | 68 | 56 | 10 | — | — | — | — | — | — | — | 59 | 9 | — |
| 43 | 4 | 1 | — | — | 99 | 4 | — | 137 | 44 | 65 | — | 28 | — | — | — | — | — | 130 | 6 | 1 |
| 17 | 19 | 5 | — | 2 | 91 | 21 | 1 | 120 | 47 | 5 | — | 68 | — | — | — | — | — | 114 | 4 | 2 |
| 18 | 1 | 2 | — | 2 | 113 | 32 | — | 121 | 51 | 19 | 1 | 44 | — | 1 | — | — | 5 | 108 | 11 | 2 |
| 12 | 1 | 5 | 1 | — | 55 | 21 | — | 138 | 59 | 17 | — | 58 | 2 | 1 | — | — | — | 89 | 11 | 38 |
| 29 | 11 | 6 | — | — | 106 | 14 | 2 | 130 | 90 | — | — | 36 | — | 1 | — | 2 | 1 | 80 | 11 | 39 |
| 26 | 6 | 2 | — | — | 334 | 10 | 6 | 133 | 79 | 3 | — | 51 | — | — | — | — | — | 87 | 8 | 38 |
| 47 | 2 | 3 | — | 11 | 267 | 59 | 11 | 190 | 70 | 15 | — | 86 | — | 17 | — | — | — | 158 | 25 | 7 |
| 52 | 3 | 27 | 4 | 10 | 123 | 23 | 4 | 186 | 83 | 41 | — | 55 | — | — | 4 | — | — | 153 | 8 | 25 |
| 584 | 80 | 56 | 5 | 48 | 1,861 | 298 | 54 | 1,419 | 729 | 197 | 2 | 428 | 2 | 25 | 15 | 2 | 6 | 1,157 | 108 | 154 |

TABLE XXX.—YEARLY RECORD OF PILGRIMS IN 1922.

| DISTRICT. | Pilgrims with Passports issued by the Governorate as recorded in District Registers. | Government Employees accompanying Mahmal as recorded in District Registers. | Pilgrims and Govt. Employees who returned and were observed the usual Period in Cairo. | | Pilgrims and Employees who took out Passports or Permission from Cairo but who were observed elsewhere on return. | | Persons who did not leave Cairo after taking out Passport or Permission. | | Pilgrims returning from Barlier than the Last. | Pilgrims and Government Employees observed in Cairo who left from elsewhere. | | REMARKS. |
|------------------------|--|---|---|---------------------|---|---------------------|--|---------------------|--|---|---------------------|---|
| | | | Pilgrims. | Govt. Employees. | Pilgrims. | Govt. Employees. | Pilgrims. | Govt. Employees. | | Pilgrims. | Govt. Employees. | |
| ‘Abbâsiya | 22 | 43 | 16 | 31 | 5 | 12 | — | — | — | 36 | — | One died. |
| ‘Abdîn | 41 | 4 | 40 | 4 | 1 | — | — | — | — | 18 | — | |
| Ezbekiyya | 2 | — | 2 | — | — | — | — | — | — | 34 | — | |
| Bâb el Shâfiyya | 30 | 8 | 27 | 8 | 3 | — | — | — | 1 | 3 | — | |
| Bulâq I | 9 | 4 | 9 | 4 | — | — | — | — | — | 1 | — | |
| Bulâq II | 14 | — | 14 | — | — | — | — | — | — | 5 | — | |
| Darb el Ahmar | 53 | 15 | 46 | 15 | 3 | — | — | — | — | 38 | — | 2 died and 2 did not return. |
| Gamâliyya | 61 | 18 | 58 | 17 | — | — | — | — | — | 71 | — | 1 died and 2 did not return. |
| Helwân | 4 | 1 | 4 | 1 | — | — | — | — | — | — | — | 1 died. 7 remained behind 1 untraced. |
| Khalîfa | 9 | 8 | 7 | 8 | 1 | — | — | 1 | — | 11 | — | |
| Saiyeda Zeinab | 67 | 14 | 46 | 14 | 13 | — | — | — | — | 71 | — | |
| Mûsky | 7 | — | 6 | — | — | — | — | — | 1 | — | — | 2 died. |
| Old Cairo | 19 | — | 17 | — | — | — | — | — | — | — | — | |
| Shubra | 28 | 2 | 27 | 2 | — | — | 1 | — | 4 | 34 | — | |
| Zeitûn | 7 | — | 7 | — | — | — | — | — | — | 16 | — | { 8 died during pilgrimage. 11 remained behind. 1 untraced. |
| TOTAL | 373 | 117 | 326 | 104 | 27 | 12 | 1 | 1 | 6 | 338 | — | |

TABLE XXXI.—RECORD OF EGYPTIAN LABOUR CORPS MEN RETURNING TO CAIRO IN 1922.

| DISTRICT. | Number recorded on Lists from Kantara to the Inspectorate. | Number observed in Qizms Corresponding to Addresses given in the Lists. | Number observed at the Inspectorate. | Number not traced. | Number notified by Mudiriya Health Authorities for Observation in Cairo. | | | Number coming up for Observation. whose Names were not shown on any Lists. |
|------------------------|--|---|--------------------------------------|--------------------|--|------------|--------|--|
| | | | | | Observed. | Not found. | Total. | |
| ‘Abbâsiya | 427 | 388 | 16 | 23 | 14 | — | 14 | — |
| ‘Abdîn | 1,191 | 1,171 | 10 | 10 | 34 | 4 | 38 | — |
| Ezbekiyya | 1,874 | 1,721 | 50 | 103 | — | — | — | 251 |
| Bâb el Sha‘rîya | 291 | 197 | 11 | 83 | 6 | — | 6 | — |
| Bulâq I | 475 | 468 | — | 7 | — | — | — | 47 |
| Bulâq II | 237 | 192 | 19 | 26 | — | — | — | 56 |
| Darb el Ahmar | 214 | 169 | 20 | 25 | 2 | — | 2 | — |
| Gamâlîya | 1,595 | 1,394 | 30 | 171 | 5 | — | 5 | 202 |
| Helwân | 96 | 82 | 2 | 12 | — | — | — | — |
| Khalîfa | 243 | 230 | 3 | 10 | 4 | — | 4 | 42 |
| Mûsky | 846 | 773 | — | 73 | 2 | — | 2 | 55 |
| Old Cairo | 202 | 168 | 7 | 27 | — | — | — | — |
| Saiyeda Zeinab... .. | 396 | 256 | — | 140 | — | — | — | 6 |
| Shubra | 684 | 644 | 22 | 18 | 24 | — | 24 | 324 |
| Zeitûn | 1,091 | 996 | 27 | 68 | — | — | — | — |
| TOTAL | 9,862 | 8,849 | 217 | 796 | 91 | 4 | 95 | 983 |

VII.—SANITARY CONTROL OF PUBLIC WOMEN.

(a) EXAMINATION ROOMS FOR NATIVE PROSTITUTES.

The total number of registered native women in 1922 was 1,620 as compared with 1,654 in 1921.

During the year 377 names were struck off the books for various reasons, leaving 1,243 at the end of the year.

The total number of examinations made was 37,689 showing an average of 23·3 examinations per woman as against 21·4 in 1921. This is only a very slight improvement for the list of women who absent themselves from the weekly examination still remains a long one. Table XXXII.

(a) *Bab el Sha'rîya and Ezbekîya*.—The total number of women registered in these districts was 1,340 as against 1,381 in 1921 and 1,237 in 1920.

The number remaining at the end of the year was 1,023.

The total number of examinations held was 30,730, being 1,522 more than in 1921. This makes an average of 22·9 examinations per woman.

(b) *Abbasîya*.—The number on the registers during 1922 is practically the same as in 1921, being 140 as against 136.

There were 32 names struck off during the year which left 108 at the end of the year.

There were 3,948 examinations as compared with 3,412 in 1921 making an average of 28·2 examinations per woman. This improvement was due to there having been fewer absentees.

(c) *Saiyeda Zeinab*.—In this district the number of registered women was 140 whilst the number remaining on the books at the end of the year was 112.

The total number of examinations held was 3,011 as against 2,863 in the previous year. This gives an average of 21·5 examinations per woman, which is a very slight improvement on 1921.

The examination rooms in this district were transferred towards the end of the year to another building which is, in every way, an improvement on the former one. The examinations can now be carried out more thoroughly and a better control exercised.

Diseases.—The total number of diseases discovered during the year was 2,089 as compared with 2,536 in 1921 and 2,559 during 1920. The actual number of women in whom these diseases were discovered was 852 as against 931 in 1921 and 947 in 1920.

The diminution in the number of diseases cannot however be attributed to a lower incidence, but is due partly to the prevalence of measures, such as douches and cleaning adopted by a large number of women before coming up for examination, and partly to the escape of prostitutes who absent themselves because they know they are ill and who cannot be traced. This is very difficult to control.

The apparent diminution of diseases is especially noticeable among the prostitutes coming from the Bab el Sha'rîya and Ezbekîya districts.

The total number of cases of syphilis discovered was 95 as against 148 in 1921 and 225 in 1920. The explanation of this improvement is that there have been much fewer relapses this year owing to more thorough treatment.

The total number of cases of Gonorrhœa was 1,836 as compared with 2,135 in 1921 and 2,044 in 1920.

Besides these diseases there were 158 cases of chancreids. Table XXXIII.

Wasserman.—Twenty specimens of blood were examined in the Laboratories, 11 of which proved positive and 9 negative.

Unregistered Women.—The number of unregistered women examined at the request of the Police was 651 as against 906 in 1921. Out of this total 112 were suffering from Gonorrhœa, 31 from Syphilis (2 primary and 29 secondary) and 19 from chancreids.

(b) EUROPEAN EXAMINATION ROOMS.

The total number of registered European prostitutes during 1922 was 308 as compared with 326 in 1921 and 393 in 1920.

During the year 105 names were struck off from the books for various reasons. This left 203 names at the end of the year. In the course of the year 8,876 examinations were made, that is an average 28·8 examinations per woman.

The total number of diseases discovered was 198 which gives a percentage of 2·2 per cent examinations revealing disease.

This low percentage does not really mean that venereal diseases have diminished, but it is due partly to the large number of women absenting themselves from the weekly examination and also partly to the measures taken by the women before examination.

The diseases discovered included 12 cases of Syphilis, one of which was primary and 11 secondary, 180 cases of Gonorrhœa four of which were acute, and 6 of chancroids. There were also 14 cases sent to hospital under observation. Table XXXIV.

(c) EUROPEAN LOCK HOSPITAL.

The total number of admissions during 1922 was 246 of which 212 were registered women whilst 34 were unregistered women sent in at the request of the Police.

Out of the total admissions 20 were suffering from Syphilis, of whom 3 were primary and 17 secondary.

The average number of days of treatment in hospital for the primary cases was 28 and for the secondary cases, 27·1.

There were 205 cases of Gonorrhœa, *i.e.* 8 acute and 197 chronic. The average stay in hospital was 23·5 days for the acute and 19·3 for the chronic.

Among the 34 unregistered women 8 suffered from Syphilis, 25 from Gonorrhœa and 1 from chancroids. Table XXXV.

The European Women's Lock Hospital was closed permanently on December 31, 1922. In place of this, an external clinic is being opened at the Examination Rooms. Attendance of sick women at this clinic will be voluntary.

TABLE XXXII.—RESULTS OF EXAMINATIONS OF REGISTERED NATIVE WOMEN.

| District | 1922. | | | | | | | | 1921. | | | | | | | |
|-------------------------------------|------------------------------|---|--|------------------------------|---|--|--|--|------------------------------|---|--|------------------------------|---|--|--|--|
| | Number of Women on Register. | Number of Women struck off during the Year. | Number of Women remaining on Registers at End of the Year. | Number of Examinations held. | Average Number of Examinations per Woman. | Number of women found Diseased sent to Hospital. | Number of Cases of Disease discovered. | Percentage of Examinations exposing Diseased Conditions. | Number of Women on Register. | Number of Women struck off during the Year. | Number of Women remaining on Registers at End of the Year. | Number of Examinations held. | Average Number of Examinations per Woman. | Number of women found Diseased sent to Hospital. | Number of Cases of Disease discovered. | Percentage of Examinations exposing Diseased Conditions. |
| Báb el Sha'riya and Ezbekiya | 1,340 | 317 | 1,023 | 30,730 | 22.9 | 702 | 1,780 | 5.8 | 1,381 | 390 | 991 | 29,208 | 21.2 | 773 | 2,197 | 7.8 |
| 'Abbásiya | 140 | 32 | 108 | 3,948 | 28.2 | 78 | 166 | 4.2 | 136 | 20 | 116 | 3,412 | 25.1 | 76 | 155 | 4.5 |
| Saiyeda Zeinab | 140 | 28 | 112 | 3,011 | 21.5 | 72 | 143 | 4.7 | 137 | 34 | 103 | 2,863 | 20.9 | 82 | 184 | 6.4 |
| TOTALS | 1,620 | 377 | 1,243 | 37,689 | 23.3 | 852 | 2,089 | 5.5 | 1,654 | 444 | 1,210 | 35,483 | 21.4 | 931 | 2,536 | 7.1 |

TABLE XXXIII.—VENEREAL DISEASE DISCOVERED AMONG NATIVE REGISTERED WOMEN.

| DISEASE. | 1922 | | | | 1921 | | | |
|---------------------|-------------------------------|-----------|-----------------|--------|-------------------------------|-----------|-----------------|--------|
| | Bâb el Sha'riya and Ezbekîya. | Abbâsiya. | Saiyeda Zeinab. | TOTAL. | Bâb el Sha'riya and Ezbekîya. | Abbasiya. | Saiyeda Zeinab. | TOTAL. |
| Syphilis ... { | Primary ... | 9 | — | 9 | 9 | 4 | — | 13 |
| | Secondary ... | 68 | 15 | 86 | 108 | 16 | 11 | 135 |
| | Tertiary ... | — | — | — | — | — | — | — |
| Total Syphilis ... | 77 | 15 | 3 | 95 | 117 | 20 | 11 | 148 |
| Gonorrhœa { | Acute ... | 17 | 1 | 18 | 49 | — | 7 | 56 |
| | Chronic ... | 1,554 | 140 | 1,818 | 1,885 | 110 | 140 | 2,135 |
| Total Gonorrhœa ... | 1,571 | 141 | 124 | 1,836 | 1,934 | 110 | 147 | 2,191 |
| Chancroid | 132 | 10 | 16 | 158 | 146 | 25 | 26 | 197 |
| TOTAL DISEASE ... | 1,780 | 166 | 143 | 2,089 | 2,197 | 155 | 184 | 2,536 |

TABLE XXXIV.—RESULTS OF EXAMINATIONS OF REGISTERED EUROPEAN WOMEN.

| YEAR. | Total Number of Women registered during the Year. | Number of Women struck off during the Year. | Number of Women remaining at the End of the Year. | Total Number of Examinations held during the Year. | Average Number of Examinations per Woman. | Number of Women found Diseased. | Percentage of Examinations exposing Diseased Conditions. |
|-------------|---|---|---|--|---|---------------------------------|--|
| | | | | | | | Per Cent |
| 1916 | 659 | 234 | 425 | 24,934 | 37·8 | 896 | 3·5 |
| 1917 | 519 | 156 | 363 | 16,372 | 31·5 | 329 | 2·0 |
| 1918 | 440 | 48 | 392 | 17,275 | 39·3 | 450 | 2·6 |
| 1919 | 437 | 90 | 347 | 15,826 | 36·2 | 351 | 2·2 |
| 1920 | 393 | 126 | 267 | 9,894 | 25·2 | 305 | 3·1 |
| 1921 | 326 | 72 | 254 | 9,795 | 30·0 | 292 | 3·0 |
| 1922 | 308 | 105 | 203 | 8,876 | 28·8 | 198 | 2·2 |

TABLE XXXV.—EUROPEAN HOSPITAL FOR WOMEN. NUMBER OF PATIENTS AND PERIODS OF DETENTION FOR THE DIFFERENT DISEASES.

| DISEASE. | 1922. | | | | | 1921. | | | | |
|-------------------|--|--|---|---|---|--|--|---|---|---|
| | Total Number of Patients admitted during the Year. | Number of Patients remain- ing in Hospital at the End of the Year. | Total Number of Patients admitted and discharged during the Year. | Total Number of Days in Hospital of Patients admitted and discharged during the Year. | Average Number of Days in Hos- pital of Patients admitted and discharged during the Year. | Total Number of Patients admitted during the Year. | Number of Patients remain- ing in Hospital at the End of the Year. | Total Number of Patients admitted and discharged during the Year. | Total Number of Days in Hos- pital of Patients admitted and discharged during the Year. | Average Number of Days in Hos- pital of Patients admitted and discharged during the Year. |
| Syphilis | 3 | — | 3 | 84 | 28 | 8 | — | 8 | 215 | 26·9 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 17 | — | 17 | 461 | 27·1 | 21 | 1 | 20 | 565 | 28·2 |
| Gonorrhoea... | 20 | — | 20 | 545 | 27·2 | 29 | 1 | 28 | 780 | 27·8 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 8 | — | 8 | 188 | 23·5 | 9 | — | 9 | 100 | 11·1 |
| Chancroid | 205 | — | 205 | 3,990 | 19·5 | 283 | 10 | 273 | 4,935 | 18·0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 197 | — | 197 | 3,802 | 19·3 | 292 | 10 | 282 | 5,035 | 17·9 |
| Under Observation | 7 | — | 7 | 85 | 12·1 | 7 | 1 | 6 | 84 | 14·0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | 14 | — | 14 | 32 | 2·3 | 28 | — | 28 | 63 | 2·2 |
| TOTALS | 246 | — | 246 | 4,652 | 18·9 | 356 | 12 | 344 | 5,962 | 17·3 |

| | | | | | | | | | | | | | | | | | |
|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---|
| Gypsum Kilns | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| Gypsum Mills | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Oil-mills | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 |
| | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | 1,103 | |

Zabt Establishments.

| | | | | | | | | | | | | | | | | |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Founderies Simple | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 |
| Blacksmiths' Shops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 98 |
| Etameurs (Tinkers) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 82 |
| Ferblantiers | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 |
| Fabrique de pavé en ciment | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Copper Workshops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 9 |
| | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | 250 |

TOTAL Establishments Saha & Zapt in 1922 ... 1,515

CLASS III.

Establishments.

| | | | | | | | | | | | | | | | | | |
|--------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Vegetable Shops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 63 |
| Fruit Shops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 20 |
| Clothes Ironing Establishments | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 148 |
| Butcher's Shops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 126 |
| Fish Shops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 |
| Poulterers' Shops | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 |
| Depots of Cement and Gypsum | | | | | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 32 |
| | | | | | | | | | | | | | | | | | |
| TOTAL Establishments in 1922 | | | | | | | | | | | | | | | | 393 | |

TABLE XXXVI.—RELATIVE OCCURRENCE OF FAULTY CONDITIONS IN FOODSTUFF ESTABLISHMENTS INSPECTED IN 1921 AND 1922.

| NATURE OF ESTABLISHMENT. | Percentage of Visits in which Faulty Conditions were found. | |
|---------------------------------|---|-----------|
| | 1921 | 1922 |
| | Per Cent. | Per Cent. |
| Grocers' shops | 4·6 | 1·4 |
| Butchers' shops... | 1·9 | + 1·2 |
| Bakeries | 9·3 | + 8·7 |
| Restaurants and public kitchens | 6·4 | + 2·7 |
| Confectionery Manufactories... | 18·8 | + 2·8 |
| Oilmen's shops | 6·4 | + 1·1 |
| Poultry shops | 4·8 | 4·0 |
| Dairies and milk shops... | 7·6 | + 3·5 |
| Vegetable dealers' shops | 13·7 | + 3·3 |
| Fish shops | 8·0 | + 2·9 |
| Other establishments | 13·1 | + 7·7 |
| General Percentage | | 7·1 |
| | | 3·5 |

TABLE XXXVII.—RESULT OF INSPECTIONS DURING 1922.

| DISTRICT. | Total Number of Inspections. | Number showing Satisfactory Conditions. | Percentage of Satisfactory Conditions. | Number showing Unsatisfactory Conditions. | Percentage of Unsatisfactory Conditions. |
|----------------|------------------------------|---|--|---|--|
| | | | Per Cent. | | Per Cent. |
| Mûsky | 4,730 | 4,635 | — 98·0 | 95 | + 2·0 |
| Ezbekiya | 5,596 | 5,469 | — 97·7 | 127 | + 2·3 |
| 'Abdîn | 1,835 | 1,809 | — 98·6 | 26 | + 1·4 |
| Saiyeda Zeinab | 2,577 | 2,449 | — 95·5 | 128 | + 4·5 |
| Khalîfa | 1,069 | 1,042 | — 97·5 | 27 | + 2·5 |
| Darb el Ahmar | 4,446 | 4,423 | — 99·5 | 23 | + 0·5 |
| Gamâliya | 3,230 | 3,215 | — 99·5 | 15 | 0·5 |
| Shûbra | 1,999 | 1,939 | — 97·0 | 60 | + 3·0 |
| Bûlâq I | 2,213 | 1,734 | — 78·4 | 479 | + 21·6 |
| 'Abbâsiya | 2,655 | 2,583 | — 97·3 | 72 | + 2·7 |
| TOTAL | 30,350 | 29,298 | 96·5 | 1,052 | 3·5 |

TABLE XXXVIII.—OBJECTIONABLE, UNHEALTHY AND DANGEROUS ESTABLISHMENTS, PREVIOUSLY EXISTING ESTABLISHMENTS INSPECTED IN 1922.

| NATURE OF ESTABLISHMENTS. | JANUARY. | | FEBRUARY. | | MARCH. | | APRIL. | | MAY. | | JUNE. | | JULY. | | AUGUST. | | SEPTEMBER. | | OCTOBER. | | NOVEMBER. | | DECEMBER. | | TOTAL. | | PER CENT. | |
|-------------------------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|--------------------------|--------------------|
| | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. | Conditions Satisfactory. | Conditions Faulty. |
| | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. | Unsatifactory. |
| Grocers' shops ... | 943 | 16 | 931 | 14 | 1,026 | 9 | 882 | 21 | 998 | 7 | 616 | 11 | 263 | 5 | 768 | 10 | 930 | 13 | 534 | 9 | 863 | 18 | 1,031 | 11 | 9,785 | 144 | -98 55 | +1 45 |
| Butchers' shops ... | 293 | 5 | 318 | 4 | 276 | 7 | 198 | 5 | 363 | 6 | 291 | 3 | 94 | — | 375 | 2 | 373 | 3 | 351 | 3 | 366 | 1 | 273 | 4 | 3,571 | 43 | -98 81 | +1 19 |
| Bakeries... .. | 159 | 4 | 149 | 3 | 175 | 13 | 110 | 7 | 131 | 6 | 108 | 11 | 60 | 10 | 122 | 2 | 132 | 13 | 140 | 13 | 135 | 35 | 154 | 32 | 1,575 | 149 | -91 3 | 8 7 |
| Restaurants with kitchens public... | 366 | 6 | 382 | 8 | 370 | 4 | 287 | 21 | 389 | 4 | 313 | 11 | 142 | 6 | 386 | 10 | 317 | 9 | 184 | 7 | 385 | 17 | 398 | 7 | 3,919 | 110 | -97 3 | +2 7 |
| Confectionery establishments ... | 21 | — | 28 | — | 24 | — | 27 | 2 | 19 | 1 | 35 | — | 9 | 1 | 25 | — | 54 | 3 | 40 | — | 31 | 2 | 35 | 1 | 348 | 10 | -97 2 | +2 8 |
| Oilmen's shops ... | 147 | — | 121 | 1 | 93 | 1 | 107 | — | 81 | — | 104 | — | 75 | 3 | 44 | 2 | 44 | 1 | 109 | 2 | 106 | 1 | 90 | 1 | 1,121 | 12 | -98 9 | +1 1 |
| Poulterers' shops ... | 23 | 1 | 13 | 1 | 20 | 1 | 18 | 1 | 31 | — | 27 | 3 | 20 | 2 | 12 | — | 34 | 1 | 60 | 1 | 41 | 1 | 61 | 3 | 360 | 15 | 96 | 4 |
| Dairies and milk shops | 22 | 1 | 32 | 1 | 31 | 2 | 37 | 1 | 62 | — | 47 | 3 | 27 | 2 | 36 | 2 | 51 | 1 | 59 | 2 | 63 | 1 | 74 | 4 | 541 | 20 | -96 5 | +3 5 |
| Vegetable dealers' shops... .. | 181 | 4 | 165 | 2 | 173 | 7 | 197 | 14 | 262 | 9 | 117 | 3 | 52 | — | 206 | 8 | 65 | 1 | 62 | 2 | 84 | 4 | 111 | 4 | 1,675 | 58 | -96 7 | +3 3 |
| Fish shops | 23 | — | 34 | 7 | 33 | 1 | 31 | — | 44 | — | 32 | — | 14 | — | 96 | — | 126 | 6 | 134 | 9 | 140 | 2 | 124 | — | 831 | 25 | -97 1 | +2 9 |
| Other establishments | 552 | 21 | 611 | 32 | 541 | 42 | 499 | 66 | 481 | 45 | 449 | 47 | 158 | 27 | 537 | 12 | 315 | 41 | 395 | 56 | 441 | 44 | 593 | 33 | 5,572 | 466 | -92 3 | +7 7 |
| TOTAL ... | 2,730 | 58 | 2,784 | 73 | 2,762 | 87 | 2,393 | 138 | 2,861 | 78 | 2,139 | 92 | 914 | 56 | 2,607 | 48 | 2,441 | 92 | 2,068 | 104 | 2,655 | 126 | 2,944 | 100 | 29,298 | 1,052 | -96 54 | +3 46 |

TABLE XXXIX.—RETURN SHOWING MILK SAMPLES COLLECTED DURING 1922.

| DISTRICTS. | | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | TOTAL. |
|--------------------|----------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|--------|
| Bûlâq I | Genuine ... | 6 | 2 | — | 6 | — | 11 | 4 | 2 | 6 | 7 | 3 | 3 | 50 |
| | Adulterated... | 2 | 1 | — | 2 | — | 5 | — | 3 | 1 | 5 | 1 | 8 | 28 |
| Gamâliya | Genuine ... | 5 | 2 | 3 | 6 | — | 2 | 2 | 1 | 2 | 9 | 3 | 4 | 39 |
| | Adulterated... | — | — | — | — | — | — | — | — | 1 | 2 | — | — | 3 |
| ‘Abbâsiya | Genuine ... | 2 | 5 | 12 | 6 | — | 11 | — | 6 | 5 | 11 | 5 | 7 | 70 |
| | Adulterated... | 1 | 2 | 2 | 2 | — | 2 | — | — | 1 | 1 | 3 | 1 | 15 |
| Bulâq II | Genuine ... | — | 2 | — | 3 | — | — | — | — | — | — | 3 | — | 8 |
| | Adulterated... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Khalifa | Genuine ... | 5 | 3 | 3 | 2 | — | 3 | 1 | 2 | 4 | — | 2 | 4 | 29 |
| | Adulterated... | — | — | — | — | — | 2 | 1 | — | 6 | — | 2 | 1 | 12 |
| Ezbekîya | Genuine ... | 8 | 13 | — | 8 | — | 10 | — | 4 | 11 | 7 | 4 | 5 | 70 |
| | Adulterated... | 1 | — | — | — | — | 5 | — | 2 | 3 | 3 | — | 5 | 19 |
| ‘Abdin | Genuine ... | 9 | 8 | 15 | 4 | — | 8 | — | 8 | 6 | 12 | 12 | — | 82 |
| | Adulterated... | 6 | — | 2 | 2 | — | 2 | — | 1 | 4 | 8 | 8 | — | 32 |
| Shubra | Genuine ... | 6 | 6 | 15 | 4 | — | 9 | — | 7 | 3 | 5 | 4 | — | 59 |
| | Adulterated... | 6 | 4 | 2 | — | — | 4 | — | — | 2 | 2 | 4 | — | 24 |
| Darb el Ahmar... | Genuine ... | 8 | 6 | 12 | 5 | — | 5 | — | 6 | 3 | 2 | 3 | 8 | 58 |
| | Adulterated... | 2 | — | 1 | 2 | — | 2 | — | — | — | — | — | 1 | 8 |
| Mûsky | Genuine ... | 17 | 7 | 9 | 13 | — | 7 | — | 8 | 6 | — | 4 | 9 | 80 |
| | Adulterated... | 3 | 2 | — | 2 | — | 2 | — | 1 | 4 | — | 1 | — | 15 |
| Bâb el Sha‘riya... | Genuine ... | 2 | 2 | 4 | 1 | — | 5 | — | — | 5 | 4 | 2 | 2 | 27 |
| | Adulterated... | — | — | — | — | — | 1 | — | — | 1 | 1 | — | — | 3 |
| Saiyeda Zeinab... | Genuine ... | 4 | 12 | — | 17 | — | 9 | — | — | 7 | 7 | 14 | 9 | 79 |
| | Adulterated... | 1 | 1 | — | — | — | 1 | — | — | — | 3 | 6 | 1 | 13 |
| Old Cairo | Genuine ... | — | 13 | 15 | 9 | — | 9 | — | — | 3 | — | 7 | — | 56 |
| | Adulterated... | — | — | 3 | — | — | 1 | — | — | — | — | — | — | 4 |
| Zeitûn | Genuine ... | 2 | 17 | 5 | 6 | — | 10 | — | 5 | — | 8 | 4 | 10 | 67 |
| | Adulterated... | — | — | — | — | — | 2 | — | — | — | 1 | — | — | 3 |
| Helwân | Genuine ... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| | Adulterated... | — | — | — | — | — | — | — | — | — | — | — | — | — |
| TOTAL... .. | Genuine ... | 74 | 98 | 93 | 90 | — | 99 | 7 | 49 | 61 | 72 | 70 | 61 | 774 |
| | Adulterated... | 22 | 10 | 10 | 10 | — | 29 | 1 | 7 | 23 | 26 | 25 | 17 | 180 |
| GRAND TOTAL | | 96 | 108 | 103 | 100 | — | 128 | 8 | 56 | 84 | 98 | 95 | 78 | 954 |

TABLE XL.—RESULT OF THE CHEMICAL AND BACTERIOLOGICAL EXAMINATION
OF SAMPLES OF AERATED WATERS DURING 1922.

| MONTH. | Total No. of samples examined. | Number of samples in which the number of lactose fermentation organisms found in 10 c.c. | | | |
|------------------|--------------------------------------|---|--------------|----------------------|--------------|
| | | Was none. | Was below 5. | Was between 5-10. | Exceeded 10. |
| January | 27 | 27 | — | — | — |
| February | 37 | 33 | 4 | — | — |
| March | 73 | 70 | 2 | — | 1 |
| April | 75 | 71 | 1 | 1 | 2 |
| May | 74 | 74 | — | — | — |
| June | 45 | 38 | 6 | 1 | — |
| July | 45 | 39 | 5 | — | 1 |
| August | 41 | 35 | 6 | — | — |
| September | 64 | 60 | — | — | 4 |
| October | 47 | 33 | 14 | — | — |
| November | 54 | 51 | 1 | — | 2 |
| December | 39 | 35 | 1 | — | 3 |
| TOTAL... .. | 621 | 566 | 40 | 2 | 13 |

IX.—CONTROL OF FOODSTUFFS AND DRINKS.

Samples of foodstuffs are generally taken by the Sanitary Inspectors and Overseers. The arrangements for control were similar to those followed in 1921 and proved to be satisfactory, *vide* the Annual Report of 1921.

Subjoined is a table showing the total quantities of different articles of food destroyed during 1922 as being unfit for human consumption.

TABLE XLI.

| Nature of sample. | Quantity Deteriorated and destroyed. |
|---------------------------------|---|
| Jam (various kinds) Tins | 2,447 |
| Sauce " | 554 |
| Preserved Meat " | 375 |
| Sardines " | 287 |
| Fruits " | 240 |
| Condensed Milk " | 1,240 |
| Nuts Okes | 60 |
| Eggs Eggs | 5,000 |
| Biscuits Tins | 346 |
| Olives " | 16 |
| Macaroni Boxes | 40 |

The staff dealing with inspections of the Unhealthy Establishments was, except for the death of an overseer, the same as in 1921.

30,350 inspections were made during 1922 as compared with 21,362 in 1921. The conditions were found satisfactory in 29,298 establishments and unsatisfactory in 1,052, the percentage of establishments with unsatisfactory conditions being 3.46 per cent as compared with 7.13 per cent in 1921.

During 1922 the number of inspections of unhealthy establishments was, in spite of the shortage of the overseers staff, greater than in the previous three years; also the number of visits paid to establishments dealing with food stuffs and drinks was more. This is due to strict supervision and control exercised by the two Sanitary Inspectors.

Table XXXVI shows the relative occurrence of faulty conditions in 1921 and 1922. From this it will be seen that improvements were found in all establishments without exception.

Inspection of various districts were distributed as follows: 4,730 Mûsky, 5,596 Ezbekîya, 1,835 Abdîn, 2,577 Saiyeda Zeinab, 1,069 Khalîfa, 4,446 Darb el Ahmar, 3,230 Gamâlîya, 1,999 Shubra, 2,213 Bulâq, 2,655 Abbasiya.

Table XXXVII shows the number and results of inspections of various districts of Cairo.

In Table XXXVIII are shown the monthly distributions and results of the inspections of the various establishments. Bakeries, poultry shops and certain other establishments gave the most frequent cause for complaint, fault having to be found in 8.7 per cent of inspections of bakeries, in poultry shops 4 per cent and in other establishments 7.7 per cent. Nevertheless there is a great improvement and the percentage of those not satisfactory was lower than in previous years. In the greater number of these cases objection was taken to faulty arrangements for removal of smoke and insufficient frequency of whitewashing. The most satisfactory establishments were oilmen's shops with 1.1 per cent, butchers' shops with 1.19 per cent and grocers' shops with 1.43 per cent of faults found on inspection.

Table XXXIX shows the number of milk samples taken to have been 954. Of these 180 were found adulterated and 774 genuine as compared with 1,241 taken in 1921, of which 221 were found adulterated and 1,020 genuine.

Table XL shows that the number of samples of aerated waters taken was 621. In 40 cases the number of lactose fermentation organisms in 10 c.c. was below 5 c.c. In 2 cases the number of these organisms in 10 c.c. was between 5 and 10 and in 13 cases only did they exceed 10. The remainder 566 were found to be uncontaminated.

These results are highly satisfactory.

REPORT SUBMITTED BY THE CHIEF SANITARY INSPECTOR (FOOD AND NUISANCE INSPECTOR) ON THE WORK CARRIED OUT DURING THE YEAR 1922.

In the first place special attention has been devoted to the larger establishments from which articles of food for human consumption are supplied to the public, such as ice and mineral water factories, bakeries, hotels, restaurants, etc.

ICE FACTORIES.

In the case of ice factories the chief source of contamination was due to the wooden covers of the tanks in which the ice was made, being allowed to get in a dirty condition underneath, with the result that during the process of manufacture, dirt was deposited in the moulds whilst the ice was forming. Owing to periodical inspections, as well as certain suggestions being carried out, a great improvement has been made and maintained.

MINERAL WATER FACTORIES.

In the mineral water factories, here again the most probable source of contamination could be attributed chiefly to one cause, *viz.*, the arrangement for the thorough cleansing of the bottles prior to refilling them.

In no case on inspection could it be said that the arrangements made were absolutely satisfactory, as the cleansing of bottles was carried out in a more or less perfunctory manner, and more often the brushes used were inefficient owing to their being worn out, and the arrangements made for the final rinsing of the bottles being unsatisfactory.

With continual supervision however, a great deal of improvement has been effected in these respects, but it is quite recognised that these will not be maintained unless strict supervision is kept up.

A number of structural alteration has also been made in connection with these factories, chiefly consisting of a separate room being provided for the storing and making of syrups, where these were previously non-existent, as well as separating the washing rooms from the rest of the factories.

BAKERIES.

In the case of Bakeries, both European and Native, the condition of the larger proportion, left very much to be desired, more especially as regards ventilation and cleanliness. As regards ventilation, in a large number of cases, all possible sources of same, as well as light, were stopped up in the kneading rooms; windows or openings which would normally have acted as ventilators being boarded up, or covered over with bags. In the majority of cases the tables, on which the bread was placed on being withdrawn from the ovens, were found to be in a most dirty and dilapidated condition, but great improvements have been effected in this respect, as the majority of owners have had these tables covered with zinc, and more efficient means of ventilating the kneading rooms have been taken.

HOTELS, RESTAURANTS, ETC.

As regard the largest hotels, restaurants, etc., the accommodation generally for the use of the public was in a fairly satisfactory condition and very seldom any cause for complaint existed as regards the condition of the cooking utensils. The chief possible source of contamination was from the tables on which the food was prepared. There is now considerable improvement in this respect as the majority have been covered with zinc.

REMARKS ON IMPROVEMENTS MADE.

In regard to improvements carried out in the various establishments, it was found that, at first, although the owners were willing enough to promise to carry out any improvements or repairs suggested, on a second visit it was generally found that nothing, or but very little had been done, but when it was discovered that the visits were not of a casual nature, but the commencement of periodical inspections they began to carry out the necessary improvements, with the result that there is now hardly a single establishment, if any existing, but what is in a much better condition than it was previously. Subjoined is a list of Visits and Work carried out by the Chief Sanitary Inspector and Overseers during 1922 not shown in the ordinary monthly returns.

| | Total. | Remarks. |
|---|--------|---|
| Visits <i>re</i> complaints... .. | 298 | Hotels, Maadi, Government Departments, etc. |
| Revisits „ | 226 | |
| Visits, various | 185 | |
| Revisits | 196 | |
| Visits <i>re</i> plans | 489 | |
| Revisits „ | 249 | |
| Markets inspections... .. | 458 | |
| Visits Bakeries... .. | 107 | |
| Revisits „ | 65 | |
| Ice-Factories inspections | 56 | |
| Mineral Water Factories inspections... .. | 417 | |
| Cow-sheds (Zeribas) inspections | 54 | |
| Visits Destructor | 28 | |
| Samples taken, ice | 93 | |
| „ „ mineral waters | 558 | |
| „ „ other articles | 17 | |
| W.Cs. cleared | 38 | |
| „ cleansed | 166 | |
| Urinals „ | 102 | |
| Ventilating shafts repaired | 80 | |
| Waste-pipes trapped | 185 | |
| Premises lime-washed | 1,304 | |
| Rubbish removed | 1,227 | |
| Floors repaired... .. | 767 | |
| Ice chests repaired | 330 | |
| Tables covered | 505 | |
| Stands provided or raised | 609 | |
| Utensils retinned | 810 | |
| Chimneys repaired or raised | 341 | |

List of articles of unsound food destroyed voluntarily by owners during 1922.

| | Tins. | | Tins. | | Okes. |
|------------------|-------|---------------------|-------|-----------------|-------|
| Jam... .. | 95 | Preserved Fruit ... | 74 | Apples | 22 |
| Sauce | 129 | Preserved Peas ... | 4 | Pears | 4 |
| Mushrooms | 11 | Sardines... .. | 3 | Tomatoes | 19 |
| Herrings | 1 | | | Butter | 22 |
| | | | | Beef | 3 |
| Total... .. | 236 | Total... .. | 81 | Total... .. | 70 |

Total tins destroyed : 317.

SANITARY CONTRAVENTIONS DEALT WITH DURING 1922.

| NAME OF LAW, ETC. | Total Number reported. | RESULT. | | | |
|---|------------------------------|-------------------------------|-------------|--------|------------------------------|
| | | Convic- tions obtained. | Acquittals. | Filed. | Under Considera- tion. |
| "Vidange" and "Depotoirs." Arrêté of November 8, 1886, modified by arrêté of June 2, 1910... .. | 677 | 614 | 3 | 6 | 54 |
| Practice of Medicine and its branches. Arrêté of June 13, 1891 | 1 | 1 | — | — | 3 |
| Vaccination. Decree of December 17, 1890, modified by Decree of August 6, 1897, and by Law No. 9, 1917 | 596 | 452 | 20 | 88 | 36 |
| Enclosure of Waste Lands. Arrêté of June 15, 1893 | 42 | 26 | — | — | 16 |
| CEMETERIES :— | | | | | |
| Inhumation, Exhumation, and Transport of Bodies abroad. Regulations of September 15, 1876, and March 26 and October 30, 1877 | — | — | — | — | — |
| Transfer of Cemeteries. Decree of January 29, 1894 | — | — | — | — | — |
| Enclosure of Cemeteries; Unauthorized Inhumation Decree of March 12, 1898 | 1 | 1 | — | — | — |
| PROPHYLACTIC MEASURES :— | | | | | |
| Permanent and Exceptional Measures to prevent Epidemics. Arrêtés of May 11, 1895, and December 19, 1904 | — | — | — | — | — |
| Oysters and Shell-fish during Epidemics. Arrêté of June 16, 1912 | — | — | — | — | — |
| Cholera. Arrêté of October 17, 1895, and Supplementary Arrêté of May 30, 1896... .. | — | — | — | — | — |
| Plague and Cholera. Decree of May 27, 1899, modified by Laws No. 3 of February 16, 1911, and No. 10 of April 27, 1913 | — | — | — | — | — |
| Disinfection of Houses during Epidemics. Arrêtés of May 23 and June 26, 1901 | 1 | 1 | — | — | — |
| Passenger Control in case of Cholera Abroad. Arrêté of January 21, 1911 | 13 | 12 | — | 1 | — |
| Navigation on the Mahmûdiya Canal in time of Cholera. Arrêté of January 16, 1911... .. | — | — | — | — | — |
| Prophylactic Measures against Infectious Diseases. Law No. 15 of June 12, 1912 | 33 | 21 | 7 | 1 | 4 |
| Prophylactic Measures against Cholera. Law No. 10 of June 26, 1917 | — | — | — | — | — |
| Excavations and Birkas near Habitations. Decree of April 26, 1900 | 5 | 2 | 1 | 1 | 1 |
| Pharmacy and Sale of Poisons. Law No. 14 of September 15, 1904... .. | 6 | 1 | 1 | — | 4 |
| Assistant Pharmacists. Law No. 20 of November 17, 1911, modified by Law No. 15 of 1918 | 4 | 2 | 1 | 1 | — |
| Transport of Rags during Epidemics. Law No. 1 of March 10, 1906, and Arrêté of October 30, 1913 | — | — | — | — | — |
| Control of Returning Pilgrims. Arrêté of June 14, 1914 | — | — | — | — | — |
| Public Latrines and "Dépendences" of Mosques and Zawias. Law No. 14 of July 1, 1911... .. | — | — | — | — | — |
| Births and Deaths. Decree of August 11, 1912 ... | 40 | 31 | 4 | — | 5 |
| "Etablissements incommodes, insalubres et dangereux." Law No. 13 of August 28, 1904, and Arrêté of August 29, 1904, completed by Arrêté of June 11, 1905 | 667 | 415 | 14 | 14 | 224 |
| Cleanliness of Streets. Arrêté of June 7, 1913 ... | 41 | 41 | — | — | — |
| Adulteration of Milk. Art. No. 302 of the Native Penal Code | 183 | 131 | 3 | 2 | 47 |
| General Sanitary Contraventions. Native Penal Code, Articles 334, 335 and 336, and Mixed Penal Code, Article 333, paragraph 6 | 114 | 94 | 3 | 3 | 14 |
| TOTAL | 2,427 | 1,815 | 57 | 117 | 408 |

THE MEDICAL WORK CARRIED OUT BY THE MEDICAL OFFICERS OF POLICE DURING 1922 WAS AS FOLLOWS :—

| Nature of Work. | 1921 | 1922 |
|--|-------|-------|
| Medico-legal examinations of persons for slight injuries requiring less than twenty days' treatment | 7,858 | 9,217 |
| Medico-legal examinations for more serious cases requiring more than twenty days' treatment | 273 | 246 |
| Medico-legal examinations on persons killed in the streets by accident or where the causes of death were suspected by the Medical Officers... .. | 201 | 167 |
| Examinations of persons for whom no period of treatment was necessary (Police Circular)... .. | 1,177 | 881 |
| Injured persons recommended for a second examination on account of permanent deformities resulting from their injuries | 379 | 307 |
| Examination of persons on account of lunacy either sent to asylum or retained at their houses... .. | 147 | 138 |
| Ghaffirs examined on entering service on request of the Commandant's Office | 1,430 | 1,708 |
| Persons who were examined and sent to Qasr el 'Aini Hospital | 909 | 274 |
| Policemen examined at request of the Personnel Office of the Ministry of the Interior on account of sickness | 753 | 679 |
| Cab-drivers, carters and chauffeurs examined on request of the Traffic Office... .. | 3,263 | 3,786 |
| Persons sent to the Fever Hospital suspected to be suffering from infectious diseases | 207 | 62 |
| Number of examinations performed by the Medical Officers elsewhere than at the Governorate... .. | 836 | 1,035 |
| Ghaffirs examined on account of sickness | 3,428 | 4,114 |
| Constables and policemen vaccinated | 992 | 1,193 |
| Constables and policemen treated at Office | 747 | 102 |
| Constables and policemen admitted to Police Infirmary | 1,142 | 3,164 |
| Constables and policemen admitted to Qasr el 'Aini Hospital... | 703 | 1,284 |
| Constables and policemen sent to the Fever Hospital as suspected to be suffering from infectious disease | 191 | 162 |
| Nomination of Parquets and Qisms for examination of criminals and injured persons | 135 | 50 |
| Shoeblacks examined for fitness or otherwise | 51 | 24 |
| Inspections made on First Aid Boxes at the Various Qisms ... | 469 | 644 |
| Examination of persons in connection with the Pension Law | 12 | 53 |
| Vagabonds sent by Qisms | 131 | 123 |
| New policemen examined for eyesight | 5 | 4 |
| Number of medico-legal reports written to replace lost reports | 45 | 30 |
| Examination of sodomites for venereal disease, etc. | 55 | 87 |
| Constables and policemen examined to be brought before Court Martial | 82 | 59 |
| Persons examined for estimation of age on request of judicial authorities | — | 2 |
| Civilian prisoners examined at the various Qisms for sickness... | — | 33 |
| Policemen examined on account of lice... .. | — | 12 |

| QISM H. O. | Sick employees examined by M.O.s. of Qisms. | TRANSPORT OF DEAD BODIES. | | | | | | COMPLAINTS IN CONNECTION WITH HEALTH MATTERS. | | MOSQUES EXAMINED. | | | | CEMETERIES. | | | Pharmacies. | Drug Stores. | BIRKAS. | | Waste lands Fenced. | Patients sent to Lunatic Asylum. |
|---------------------|---|-----------------------------|----------------------|--|--|-----------------------------------|--|---|-------------------------|-----------------------|--------------------------|-----------------------|--------------------------|-------------|-----------|------|-------------|--------------|---------|-----|---------------------|----------------------------------|
| | | Corpses transported abroad. | Arrived from abroad. | From one Cemetery to another in Cairo. | From Cairo to other localities in Egypt. | Arrived from localities in Egypt. | Removed from one ground to another in the same cemeteries. | Dealt with. | Still being dealt with. | WAQFS. | | PRIVATE. | | Abolished. | Enlarged. | New. | | | | | | |
| | | | | | | | | | | Measures recommended. | No Measures recommended. | Measures recommended. | No Measures recommended. | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 'Abbâsiya | 212 | — | — | — | 11 | 4 | 11 | 210 | — | — | — | — | — | 1 | — | 1 | — | — | — | 3 | 36 | |
| 'Abdîn | 435 | 1 | — | — | 16 | — | — | 47 | — | — | — | — | — | — | — | 1 | — | — | — | 5 | 16 | |
| Bâb el Shar'fiya... | 175 | — | — | — | — | — | — | 68 | — | — | — | — | — | — | — | — | — | — | 3 | 12 | | |
| Bulâq I | 78 | — | — | — | 1 | — | — | 38 | 14 | — | — | — | — | — | — | 1 | — | — | 2 | 9 | | |
| Bulâq II | 175 | — | — | — | 1 | — | — | 29 | 8 | — | — | — | — | — | — | 2 | — | — | 2 | — | | |
| Darb el Ahmar ... | 108 | — | — | — | 8 | 3 | 3 | 125 | 1 | — | — | — | — | — | — | — | — | — | — | 16 | | |
| Ezbekiya | 327 | — | 1 | — | 5 | 1 | — | 135 | 4 | — | — | — | — | — | — | 1 | — | — | 3 | 10 | | |
| Gamâliya | 60 | — | — | — | 6 | 5 | 48 | 36 | — | — | — | — | — | — | — | 1 | — | — | 4 | 9 | | |
| Khalifa | 105 | — | — | — | 1 | 16 | 24 | 49 | 3 | — | — | — | — | — | — | — | — | — | 16 | 5 | | |
| Mûsky | 38 | — | — | — | 3 | — | — | 103 | — | — | — | — | — | — | — | — | — | — | 3 | 5 | | |
| Old Cairo | 55 | 2 | — | 6 | 13 | 8 | — | 30 | — | — | — | — | — | 1 | 1 | — | — | 23 | — | 8 | | |
| Saiyeda Zeinab ... | 360 | — | — | — | 47 | 4 | 3 | 69 | 24 | — | — | — | — | — | — | — | 1 | — | 15 | 21 | | |
| Shûbra | 335 | — | — | — | 11 | — | — | 77 | — | — | — | — | — | — | — | 2 | — | — | 7 | 11 | | |
| Helwân | 74 | — | — | — | 13 | — | — | 12 | — | — | — | — | — | — | — | — | — | 9 | 1 | 25 | | |
| Zeitoun | 99 | — | — | — | 1 | — | — | 15 | — | — | — | — | — | — | — | — | — | — | 4 | 4 | | |
| TOTAL | 2,636 | 3 | 1 | 6 | 137 | 41 | 89 | 1043 | 54 | — | — | — | — | 2 | 1 | 9 | — | 33 | 68 | 187 | | |

X.—ANTI-MALARIAL MEASURES.

The work carried out in 1922 was the same in character and extent as in 1921, and the special measures taken for the prevention of the mosquito breeding were applied in the same selected areas and quarters.

There were 88 complaints received in 1922: 28 from Saiyeda District, 3 from Abbasiya, 2 from Mûsky, 6 from Helwân, 10 from Ezbekiya, one from Khalîfa, 2 from Bulâq, 6 from Shubra, 8 from Zeitoun and 22 from Abdîn.

The Birkas around Cairo were stocked with larvæ-eating fish as usual.

Tourah.—Certain Government-owned birkas have been filled in by the Prisons Administrations.

Helwân.—The dilapidated well about 500 metres west of Tewfîq Palace Hotel was filled up.

The so-called Bir el Hadid was also filled in.

A percolating pit to receive the overflow of the Bir Hanem at the end of Sharia Zaki was constructed.

The extension of the existing drainage system to drain, by some form of subsoil drainage, the marshy area beside the Aerodrome was not carried out as, when the area in question was last inspected by the Main Drainage Department during the summer, it was dry.

Gezîra.—No new work was undertaken. The retention as open drains of any more of the system than is absolutely necessary seems inadvisable. The flow in several sections of the system, even at the height of the flood, was so sluggish that the drains acted as breeding ground. Moreover open drains in an urban area are always objectionable as they invite the disposition of all sorts of filth. It is proposed to cover in with an improved type of culvert those sections of the drains where the flow is most sluggish.

XI.—RAT CATCHING SERVICE.

The number of rats destroyed during 1922 was 7,789. Of these 552 were caught in January, 774 in February, 608 in March, 649 in April, 571 in May, 801 in June, 941 in July, 392 in August, 667 in September, 636 in October, 494 in November, 504 in December.

| | Rats Caught. | | Rats Caught. |
|------------------------------------|--------------|--|--------------|
| | | <i>Brought forward</i> ... | 5,901 |
| Public Health Department | 669 | Ministry of Finance | 40 |
| Ministry of Public Works | 869 | Holy Carpet | 1,083 |
| Waili Court | 1,171 | Lock Hospital | 4 |
| Cairo Governorate | 1,076 | Abdin Health Office | 16 |
| Qasr el 'Aini Hospital | 1,008 | Ministry of Education | 4 |
| Department of Supplies, War | 490 | Private individuals, hospitals, Sport- | |
| Coast Guards Administration | 108 | ing Club, etc. | 741 |
| Ministry of Waqfs, Archives | 510 | | |
| <i>Carried forward</i> ... | 5,901 | TOTAL | 7,789 |

MISCELLANEOUS.

(a) THEATRE COMMISSION.

By the Arrêté of the Ministry of Interior of July 12, 1911, instituting the Theatre Commission and by the Arrêté of the Ministry of Interior of February 6, 1912, the Medical Officer of Health of the City of Cairo is appointed a member of the Theatre Commission.

During the year 1922, one new establishment, a theatre was licensed and 34 establishments already licensed were inspected by a delegate of the Cairo City Inspectorate.

Of this number, 5 were theatres, 16 were cinemas and 13 café concerts. The conditions were found satisfactory in 2 theatres, 11 cinemas and 13 café concerts and unsatisfactory in 3 theatres and 5 cinemas. In most of the latter cases the defects were the filthy conditions of the walls and floors.

(b) MOULID EL NABI.

The Moulid el Nabi was held at Abbasiya on October 25, 26, 27, 28, 29, 30, 31 and November 1, 1922, on a larger scale than in 1921. It lasted eight days.

It has been calculated that the number of visitors on the last day of the Moulid was 35,000 as against 30,000 in 1921.

The sanitary arrangements made were similar to those adopted in 1921.

Supervision was carried out by the Inspector of the Vidange Control Service and 2 of his subordinate staff.

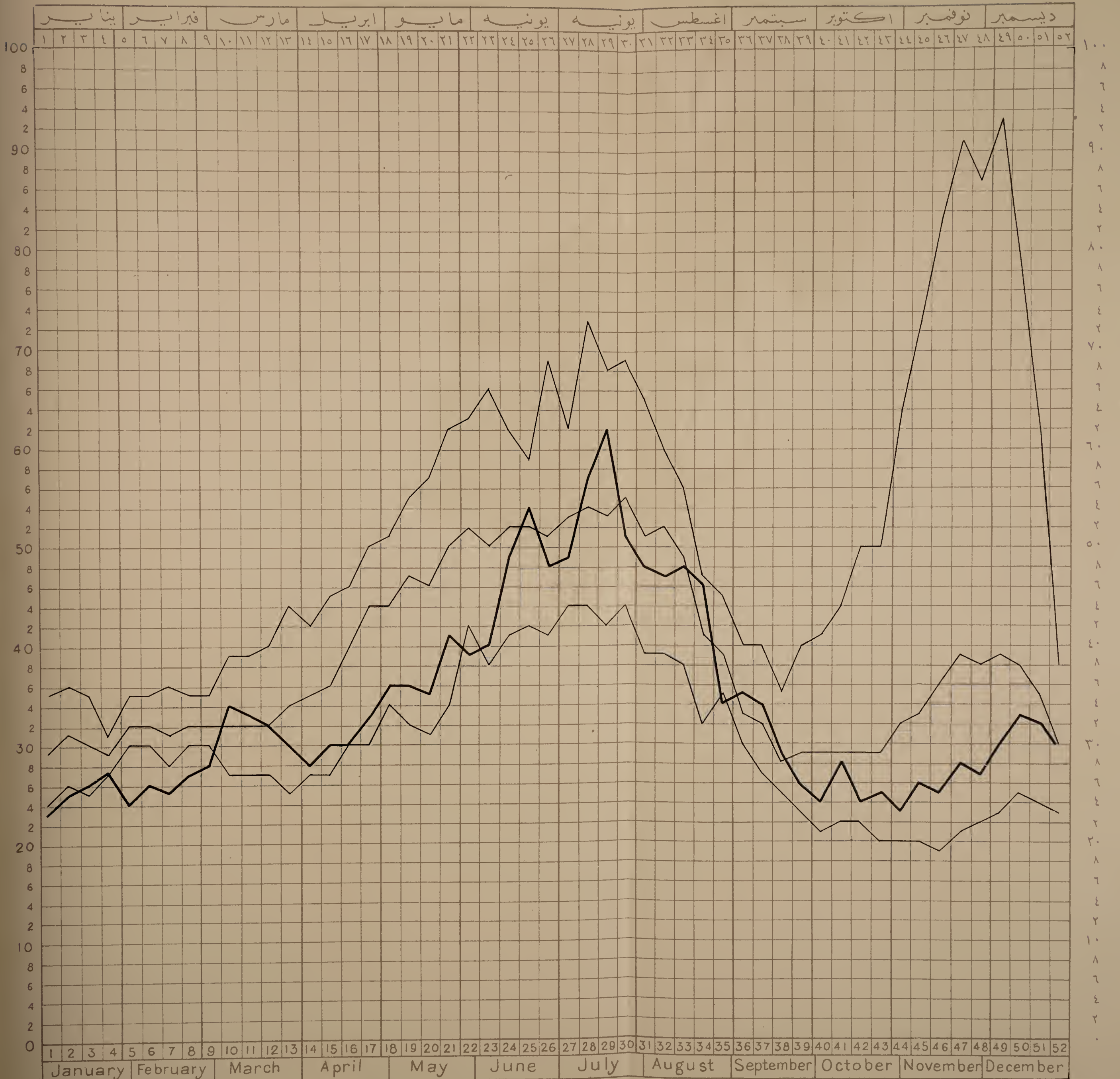
APPENDIX A.—CAIRO CITY WEEKLY WEATHER STATE FOR 1922.

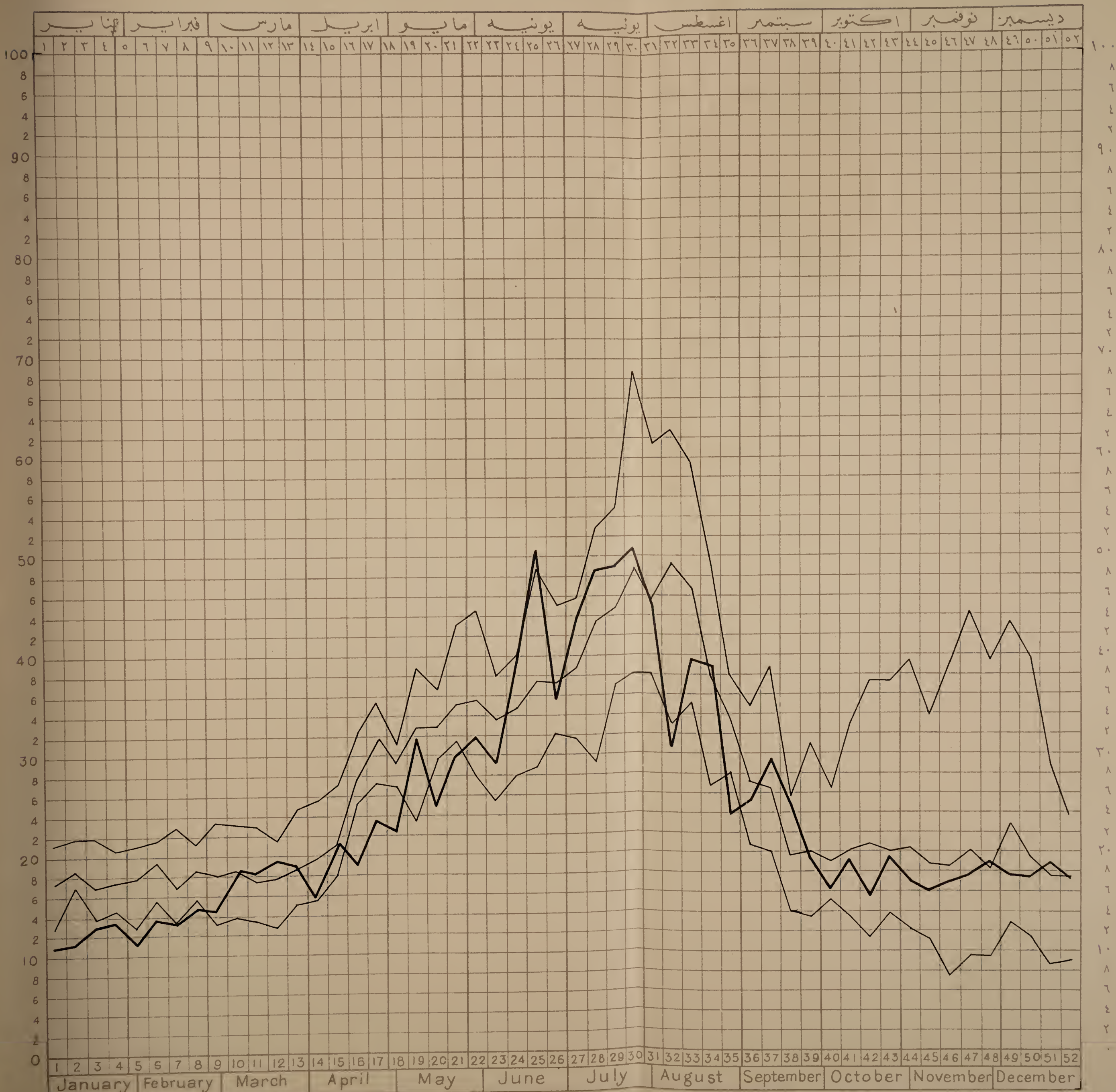
(From the reports issued by the Physical Service, Ministry of Public Works.)

| Number of Week. | WEEK. | TEMPERATURE (°C.). | | | | | | HUMIDITY PER CENT. | | RAINFALL m.m. | | SUNSHINE (Hours). | | CLOUD. | | WIND. | | NILE GAUGE EL RÔDA. | |
|-----------------|------------------|--------------------|-------------------------|----------|-------------------------|-------|-------------------------|--------------------|-------------------------|---------------|-------------------------|-------------------|-----------------------|--------|-------------------------|--------|------------|---------------------|-------------------------|
| | | Maximum. | Difference from Normal. | Minimum. | Difference from Normal. | Mean. | Difference from Normal. | Mean. | Difference from Normal. | Weekly Total. | Difference from Normal. | Mean. | Per Cent of Possible. | 0—10. | Difference from Normal. | Force. | Direction. | Mean. | Difference from Normal. |
| 1 | January 1-7... | 19.2 | +0.3 | 8.8 | +1.2 | 12.5 | +0.4 | 74 | +2 | 0.0 | -2.0 | 5.8 | 58 | 4.2. | +0.1 | 1 | S.W. | 14.61 | -0.54 |
| 2 | " 8-14... | 17.9 | -0.6 | 7.2 | 0.0 | 11.0 | -1.4 | 75 | +3 | 4.4 | +2.4 | 7.4 | 72 | 3.1 | -1.2 | 2 | S.W. | 14.58 | -0.45 |
| 3 | " 15-21... | 22.0 | +3.6 | 7.4 | +0.2 | 13.5 | +1.3 | 64 | -8 | 0.0 | -2.0 | 8.3 | 80 | 2.6 | -1.7 | 2 | S.W. | 14.54 | -0.37 |
| 4 | " 22-28... | 19.7 | +1.1 | 7.6 | +0.4 | 12.4 | +0.1 | 71 | 0 | 2.0 | 0.0 | 8.3 | 78 | 3.8 | -0.4 | 2 | S.W. | 14.51 | -0.35 |
| 5 | " 29-4 February | 20.9 | +1.9 | 8.7 | +1.2 | 13.7 | +1.1 | 68 | -2 | Drops. | -1.6 | 8.3 | 77 | 1.7 | -2.4 | 3 | S.W. | 14.82 | -0.20 |
| 6 | February 5-11... | 22.5 | +2.8 | 9.5 | +1.6 | 14.6 | +1.5 | 65 | -4 | 0.0 | -1.3 | 7.8 | 72 | 2.9 | -1.1 | 2 | S.W. | 15.47 | +0.20 |
| 7 | " 12-18... | 20.2 | -0.4 | 8.8 | +0.5 | 13.6 | -0.3 | 74 | +6 | Drops. | -1.3 | 7.3 | 66 | 3.7 | -0.2 | 2 | N. | 15.64 | +0.26 |
| 8 | " 19-25... | 21.3 | -0.1 | 8.1 | -0.7 | 13.8 | -0.7 | 71 | +4 | Drops. | -1.3 | 7.3 | 64 | 3.9 | +0.1 | 2 | N. | 15.73 | +0.35 |
| 9 | " 26-4 March | 19.5 | -2.9 | 8.4 | -1.0 | 12.8 | -2.5 | 75 | +10 | 0.0 | +1.1 | 7.7 | 67 | 4.3 | +0.7 | 2 | S.W. | 15.74 | +0.33 |
| 10 | March 5-11... | 20.9 | -2.3 | 8.2 | -1.6 | 13.5 | -2.5 | 82 | +18 | 5.0 | -1.1 | 8.3 | 71 | 3.5 | -0.1 | 2 | N.E. | 15.71 | +0.27 |
| 11 | " 12-18... | 25.0 | +1.0 | 10.2 | -0.2 | 16.3 | -0.6 | 78 | +16 | 0.0 | -0.9 | 8.6 | 72 | 3.8 | +0.3 | 2 | N.E. | 15.70 | +0.26 |
| 12 | " 19-25... | 26.0 | +1.0 | 9.9 | -1.0 | 16.9 | -0.8 | 68 | +7 | 0.0 | -0.9 | 8.7 | 72 | 2.8 | -0.7 | 2 | N. | 15.69 | +0.30 |
| 13 | " 26-1 April | 31.0 | +5.1 | 13.4 | +1.9 | 21.7 | +3.1 | 44 | -15 | 0.0 | -0.9 | 7.9 | 64 | 3.5 | +0.1 | 4 | N.E. | 15.71 | +0.36 |
| 14 | April 2-8... | 28.9 | +2.0 | 13.2 | +1.0 | 20.0 | +0.4 | 59 | +2 | 0.0 | -0.7 | 9.3 | 74 | 1.1 | -2.3 | 2 | N.W. | 15.72 | +0.39 |
| 15 | " 9-15... | 27.6 | -0.3 | 12.2 | -0.6 | 18.8 | -1.7 | 70 | +14 | 0.0 | -0.7 | 10.6 | 83 | 1.5 | -1.8 | 3 | N.E. | 15.70 | +0.40 |
| 16 | " 16-22... | 31.4 | +2.5 | 12.7 | -0.8 | 20.8 | -0.6 | 66 | +12 | 0.0 | -0.7 | 11.9 | 91 | 0.6 | -2.7 | 2 | N.E. | 15.73 | +0.43 |
| 17 | " 23-29... | 28.8 | -1.1 | 13.3 | -1.0 | 20.5 | -1.7 | 59 | +6 | 0.0 | -0.7 | 10.3 | 78 | 2.0 | -1.2 | 4 | N. | 15.68 | +0.39 |
| 18 | " 30-6 May | 32.6 | +1.8 | 14.6 | -0.4 | 22.4 | -0.7 | 63 | +11 | 0.0 | -0.3 | 11.5 | 86 | 1.8 | -1.2 | 3 | N. | 15.64 | +0.36 |
| 19 | May 7-13... | 29.9 | +1.7 | 14.3 | -1.4 | 21.4 | -2.4 | 58 | +7 | 0.0 | -0.2 | 10.5 | 78 | 3.0 | +0.2 | 4 | N. | 15.65 | +0.37 |
| 20 | " 14-20... | 34.2 | +1.8 | 15.3 | -1.1 | 23.8 | -0.7 | 58 | +8 | 0.0 | -0.2 | 12.5 | 91 | 1.2 | -1.3 | 2 | N. | 15.64 | +0.37 |
| 21 | " 21-27... | 31.5 | -1.6 | 16.6 | -0.4 | 23.2 | -2.0 | 58 | +8 | 0.0 | -0.2 | 12.5 | 91 | 1.4 | -0.8 | 2 | N. | 15.71 | +0.47 |
| 22 | " 28-3 June | 32.1 | -1.6 | 16.2 | -1.4 | 23.2 | -2.7 | 57 | +7 | 0.0 | -1.1 | 12.8 | 92 | 1.7 | -0.1 | 3 | N.E. | 15.66 | +0.42 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----|-----------|-----------------|-----|-----|-----|------|------|------|------|------|------|----|-----|--------|-------|------|----|-----|------|---|-----------|-------|-------|
| 23 | June | 4-10 ... | ... | ... | ... | 34.5 | +0.2 | 17.2 | -1.0 | 25.0 | -1.4 | 57 | + 7 | 0.0 | 0.0 | 12.8 | 91 | 0.7 | -0.7 | 3 | N.E. | 15.66 | +0.41 |
| 24 | " | 11-17... | ... | ... | ... | 35.5 | +0.7 | 19.6 | +0.9 | 26.6 | -0.4 | 53 | + 2 | 0.0 | 0.0 | 12.4 | 88 | 0.1 | -1.0 | 3 | N. | 15.69 | +0.39 |
| 25 | " | 18-24... | ... | ... | ... | 35.7 | +0.5 | 20.3 | +0.9 | 27.4 | -0.1 | 54 | + 3 | 0.0 | 0.0 | 12.3 | 87 | 0.6 | -0.4 | 3 | W. | 15.68 | +0.35 |
| 26 | " | 25- 1 July | ... | ... | ... | 35.5 | 0.0 | 19.9 | -0.1 | 26.7 | -1.1 | 60 | + 8 | 0.0 | 0.0 | 12.8 | 91 | 0.6 | -0.4 | 2 | N.N.W. | 15.66 | +0.27 |
| 27 | July | 2- 8... | ... | ... | ... | 35.8 | +0.1 | 20.7 | +0.2 | 27.3 | -0.8 | 61 | + 7 | 0.0 | 0.0 | 12.6 | 90 | 1.0 | -0.1 | 2 | N.W. | 15.61 | +0.17 |
| 28 | " | 9-15... | ... | ... | ... | 36.4 | +0.6 | 21.5 | +0.6 | 28.1 | -0.1 | 62 | + 7 | 0.0 | 0.0 | 13.2 | 95 | 1.5 | +0.2 | 2 | N. | 15.62 | +0.12 |
| 29 | " | 16-22... | ... | ... | ... | 36.6 | +0.8 | 21.9 | +0.8 | 28.2 | 0.0 | 62 | + 5 | 0.0 | 0.0 | 12.5 | 91 | 0.7 | -0.7 | 1 | N.W. | 15.71 | +0.14 |
| 30 | " | 23-29... | ... | ... | ... | 36.7 | +1.0 | 21.4 | +0.2 | 28.0 | -0.2 | 63 | + 4 | 0.0 | 0.0 | 12.6 | 92 | 1.9 | +0.5 | 2 | N. | 15.80 | +0.08 |
| 31 | " | 30- 5 August... | ... | ... | ... | 34.1 | -1.3 | 21.0 | -0.2 | 26.6 | -1.5 | 64 | + 4 | 0.0 | 0.0 | 12.3 | 91 | 1.1 | -0.4 | 2 | N.W. | 15.93 | -0.04 |
| 32 | August | 6-12 .. | ... | ... | ... | 37.7 | +2.6 | 21.5 | +0.3 | 28.4 | +0.5 | 64 | + 3 | 0.0 | 0.0 | 12.6 | 94 | 2.3 | +0.8 | 2 | N.W. | 16.30 | -0.12 |
| 33 | " | 13-19... | ... | ... | ... | 39.7 | +5.0 | 22.0 | +1.0 | 29.5 | +1.9 | 62 | - 1 | 0.0 | 0.0 | 11.9 | 90 | 1.4 | -0.2 | 2 | N.W. | 17.64 | +0.42 |
| 34 | " | 20-26... | ... | ... | ... | 35.3 | +1.0 | 21.9 | +1.1 | 28.0 | +0.7 | 64 | 0 | 0.0 | 0.0 | 11.6 | 89 | 1.4 | -0.2 | 3 | N.W. | 18.45 | +0.62 |
| 35 | " | 27- 2 Sept. | ... | ... | ... | 32.1 | -1.7 | 20.1 | -0.4 | 25.3 | -1.5 | 69 | + 3 | 0.0 | 0.0 | 11.5 | 90 | 1.8 | -0.2 | 3 | N.E. | 18.35 | +0.21 |
| 36 | September | 3- 9... | ... | ... | ... | 35.1 | +1.8 | 19.2 | -1.0 | 26.2 | -0.1 | 70 | + 3 | 0.0 | 0.0 | 11.6 | 92 | 0.6 | -0.9 | 3 | N.W. | 18.68 | +0.32 |
| 37 | " | 10-16... | ... | ... | ... | 34.7 | +1.9 | 19.4 | -0.3 | 25.9 | +0.2 | 70 | + 2 | 0.0 | 0.0 | 10.7 | 86 | 0.8 | -0.7 | 3 | N.W. | 19.03 | +0.53 |
| 38 | " | 17-23... | ... | ... | ... | 31.7 | -0.5 | 19.1 | -0.2 | 24.1 | -0.9 | 74 | + 4 | 0.0 | 0.0 | 10.1 | 83 | 1.2 | -0.4 | 3 | N.W. | 19.70 | +1.09 |
| 39 | " | 24-30... | ... | ... | ... | 31.6 | 0.0 | 18.0 | -0.8 | 23.7 | -0.6 | 76 | + 5 | 0.0 | 0.0 | 10.0 | 83 | 0.6 | -1.2 | 2 | N.W. | 19.30 | +0.64 |
| 40 | October | 1- 7... | ... | ... | ... | 30.7 | -0.3 | 16.9 | -1.4 | 22.7 | -1.0 | 74 | + 3 | 0.0 | 0.0 | 9.8 | 83 | 1.4 | -0.6 | 2 | N.W. | 18.67 | +0.08 |
| 41 | " | 8-14... | ... | ... | ... | 28.4 | -1.9 | 15.3 | -2.3 | 20.9 | -2.1 | 77 | + 5 | 0.0 | 0.0 | 9.6 | 82 | 1.0 | -1.3 | 2 | N.W. | 19.09 | +0.57 |
| 42 | " | 15-21... | ... | ... | ... | 31.0 | +1.7 | 17.4 | +0.4 | 23.4 | +1.1 | 74 | + 2 | 0.0 | 0.0 | 9.4 | 83 | 1.1 | -1.3 | 2 | N.W. | 19.45 | +0.89 |
| 43 | " | 22-28... | ... | ... | ... | 33.2 | +4.8 | 17.0 | +0.9 | 23.9 | +2.5 | 65 | - 7 | 0.0 | 0.0 | 9.6 | 85 | 0.2 | -2.2 | 2 | N.W. | 19.27 | +0.72 |
| 44 | " | 29- 4 Nov. | ... | ... | ... | 28.4 | +1.2 | 16.5 | +1.4 | 21.5 | +1.0 | 84 | +12 | 0.0 | 0.0 | 9.3 | 84 | 2.2 | -0.4 | 2 | N.W. | 18.53 | +0.30 |
| 45 | November | 5-11... | ... | ... | ... | 28.9 | +3.1 | 15.3 | +1.3 | 21.0 | +1.5 | 74 | + 2 | 0.0 | 0.0 | 4.8 | 78 | 2.0 | -0.8 | 3 | N.W. | 17.88 | +0.12 |
| 46 | " | 12-18... | ... | ... | ... | 25.9 | +1.4 | 13.8 | +0.8 | 19.1 | +0.6 | 68 | - 5 | 0.0 | 0.0 | 8.5 | 80 | 1.4 | -1.7 | 2 | S.W. | 17.25 | -0.04 |
| 47 | " | 19-25... | ... | ... | ... | 23.4 | +0.1 | 14.0 | +2.0 | 18.0 | +0.6 | 70 | - 4 | Drops. | 0.7 | 5.2 | 50 | 5.0 | +1.5 | 3 | Variable. | 16.70 | -0.22 |
| 48 | " | 26- 2 Dec. | ... | ... | ... | 21.2 | -1.0 | 11.7 | +0.7 | 15.6 | -0.7 | 72 | - 2 | 0.0 | 0.0 | 6.5 | 62 | 6.0 | +2.2 | 2 | S.W. | 16.39 | -0.22 |
| 49 | December | 3- 9... | ... | ... | ... | 19.7 | -1.6 | 9.4 | -0.7 | 14.0 | -1.1 | 62 | -12 | Drops. | 1.1 | 6.0 | 58 | 4.3 | +0.3 | 3 | S.W. | 16.22 | -0.12 |
| 50 | " | 10-16... | ... | ... | ... | 18.4 | -2.0 | 6.9 | -2.4 | 11.7 | -2.4 | 66 | - 8 | Drops. | 1.1 | 7.2 | 71 | 3.4 | -0.8 | 3 | S.W. | 16.00 | -0.11 |
| 51 | " | 17-23... | ... | ... | ... | 18.8 | -0.9 | 5.6 | -3.0 | 11.0 | -2.4 | 84 | +10 | 0.0 | 0.0 | 8.5 | 83 | 2.8 | -1.4 | 2 | N.W. | 15.93 | +0.16 |
| 52 | " | 24-31... | ... | ... | ... | 19.6 | +0.3 | 6.0 | -2.2 | 11.8 | -1.3 | 88 | +14 | 4.7 | + 3.4 | 7.2 | 71 | 3.7 | -0.5 | 2 | S.W. | 15.14 | -0.17 |

Government Press
8853-1924-200 ex.





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Maximum, Minimum & Mean of Weekly Death-rates per 100 Births.
Weekly death-rates per 100 births for 1922.

المعدل الأقصى والمتوسط والأدنى للوفيات الأسبوعية بالنسبة لكل مائة مولود
معدل الوفيات الأسبوعية بالنسبة لكل مائة مولود في سنة ١٩٢٢

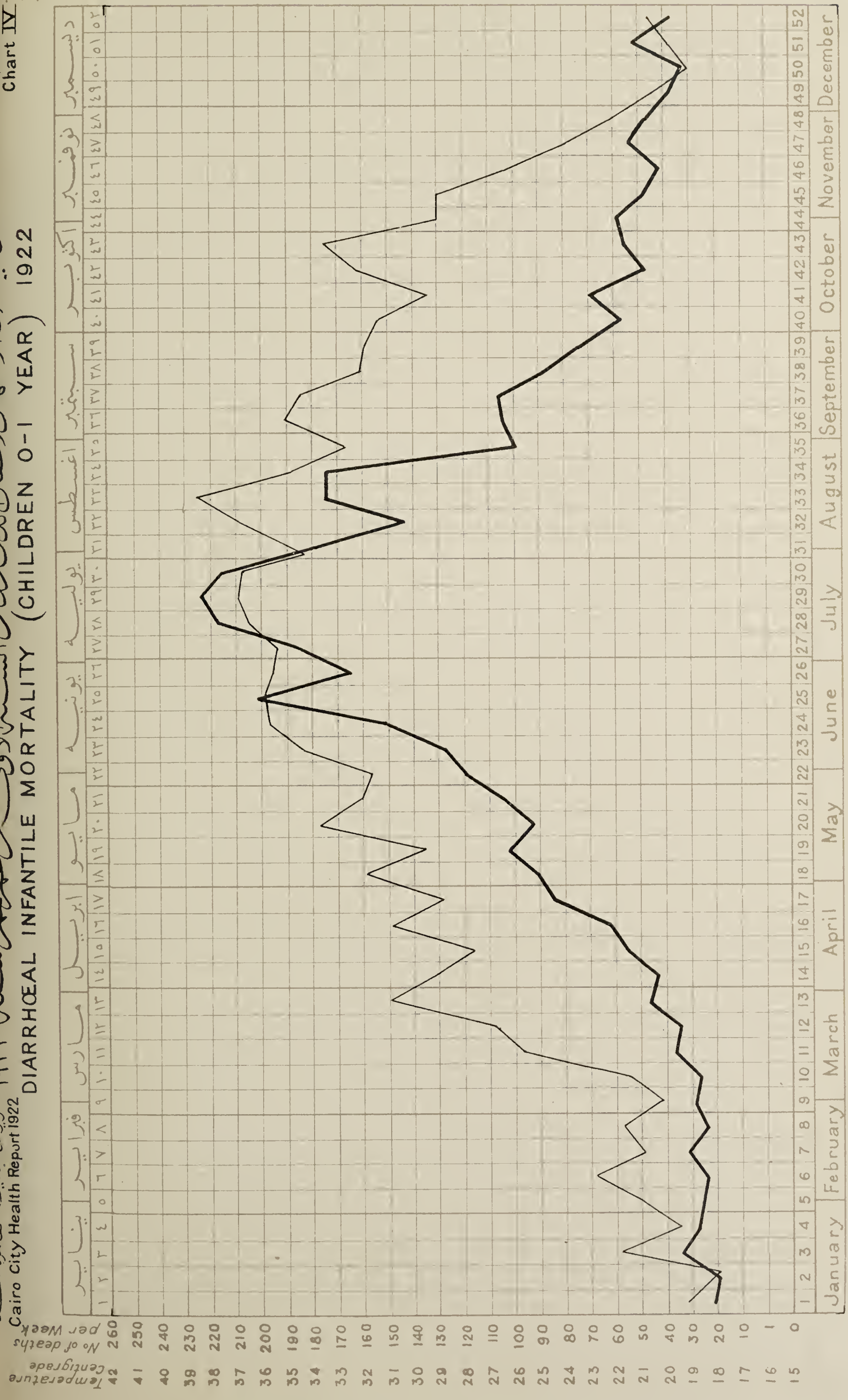
Temperature
Centigrade
No. of deaths
Per Week



Printed by the Survey of Egypt 24/623.

الأمراض المعدية
Infections Diseases
الأمراض الأخرى
Other Diseases
الأمراض الرئوية
Pulmonary.
التهاب معوي
Diarrhoea and Enteritis

وفيات الأطفال للإسهال المستل الأولي
DIARRHOEAL INFANTILE MORTALITY (CHILDREN 0-1 YEAR) 1922



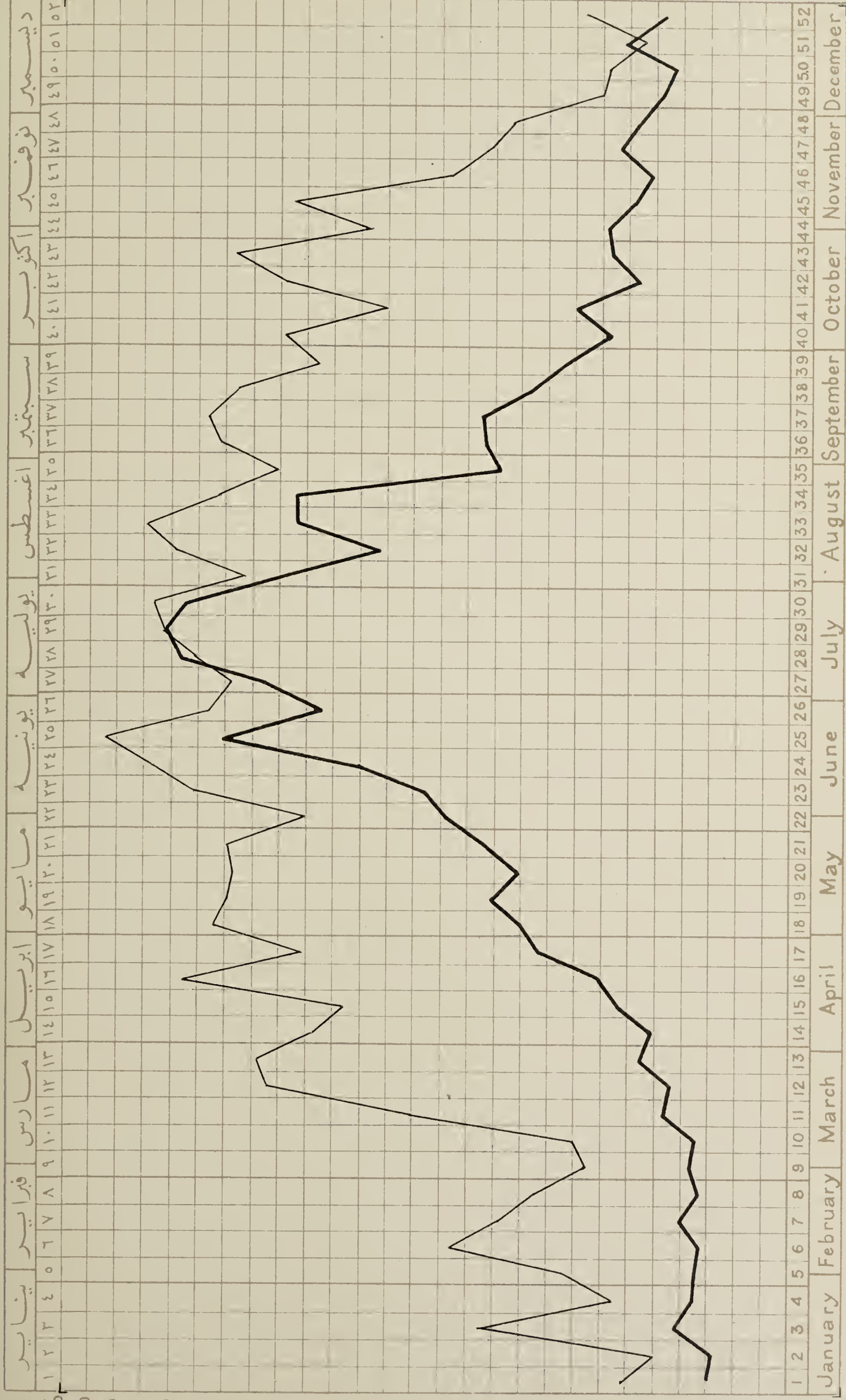
الإسهال
Diarrhoea

متوسط درجة الحرارة بمقياس السنتجراد
Mean Temperature C.

وفيات الأطفال للأمراض المستعصية الأولى
DIARRHOEAL INFANTILE MORTALITY (CHILDREN 0-1 YEAR) 1922

خريطة رقم
Chart V

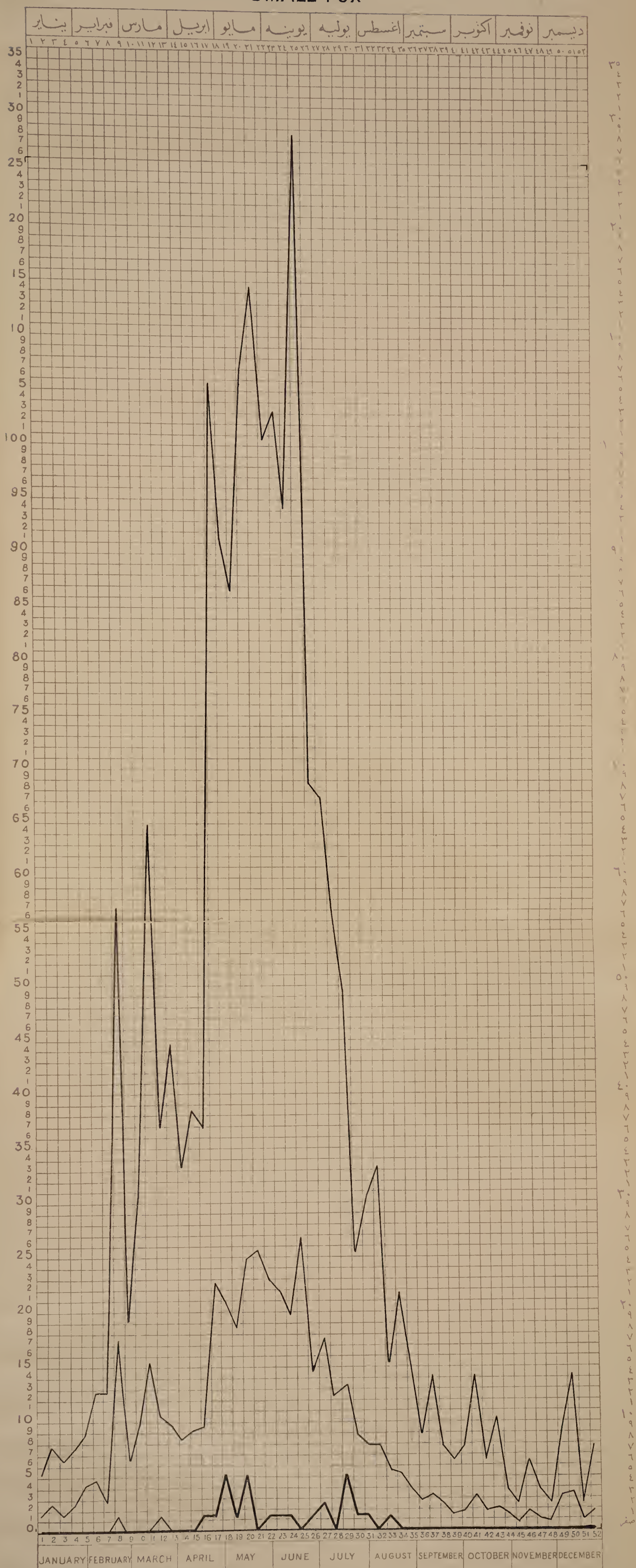
Temperature
Centigrade
No of deaths
Per Week



الأسهال
Diarrhoea

أقصى درجة الحرارة بقياس التشنججرا د
Maximum Temperature C.

مرض الجدري
SMALL POX

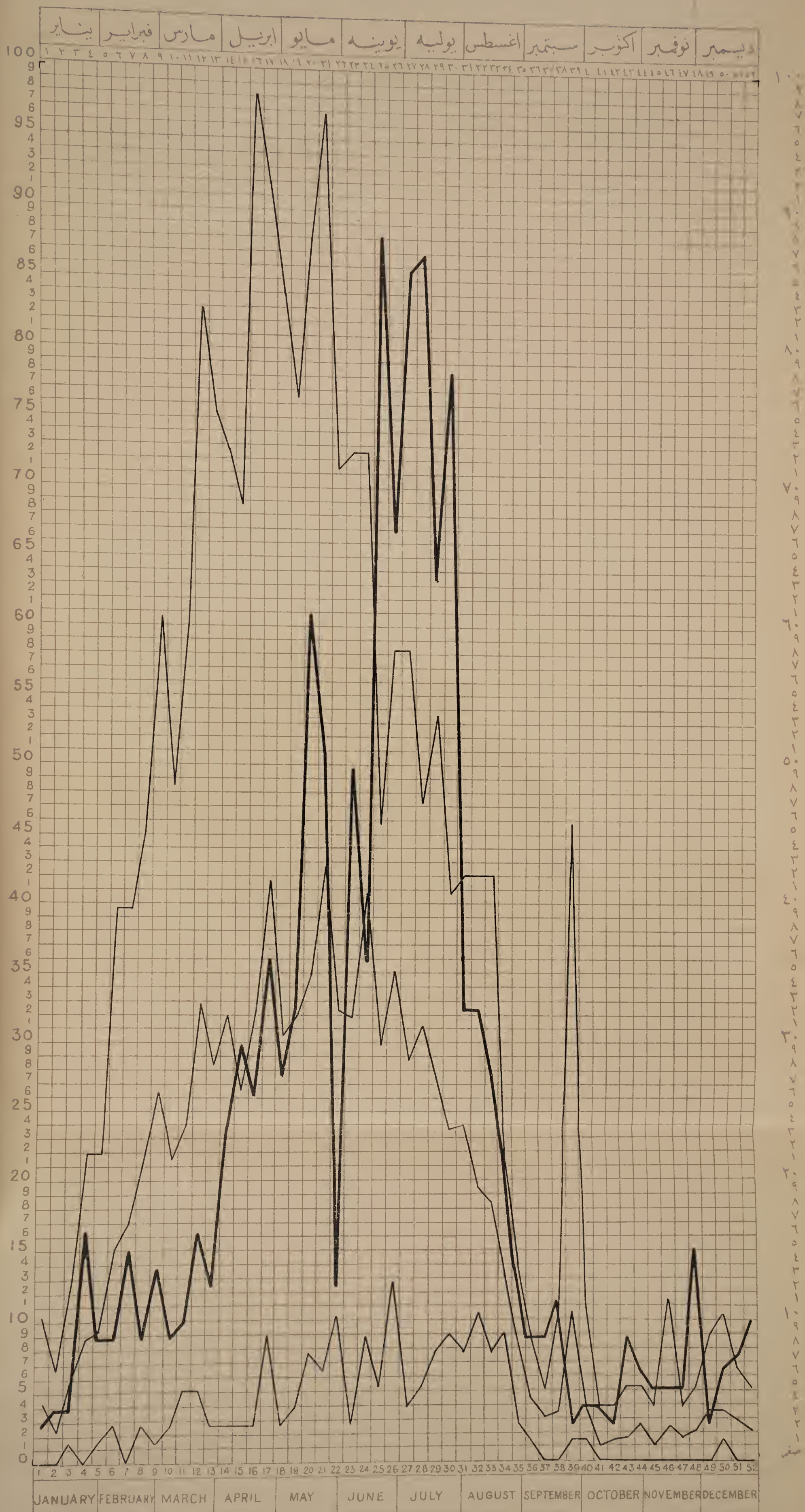


Printed by the Survey of Egypt, 24/623.

النسب القصوى والصغرى والمتوسطة لعدد الأصابات في كل مليون من السكان من سنة ١٩١٧ إلى سنة ١٩٢١
{ Weekly Maximum, Minimum and Mean number of cases estimated per million of population 1917-1921.

المجموع الأسبوعي للأصابات في سنة ١٩٢٢
{ Weekly Total of cases in 1922.

مرض الحصبة
MEASLES

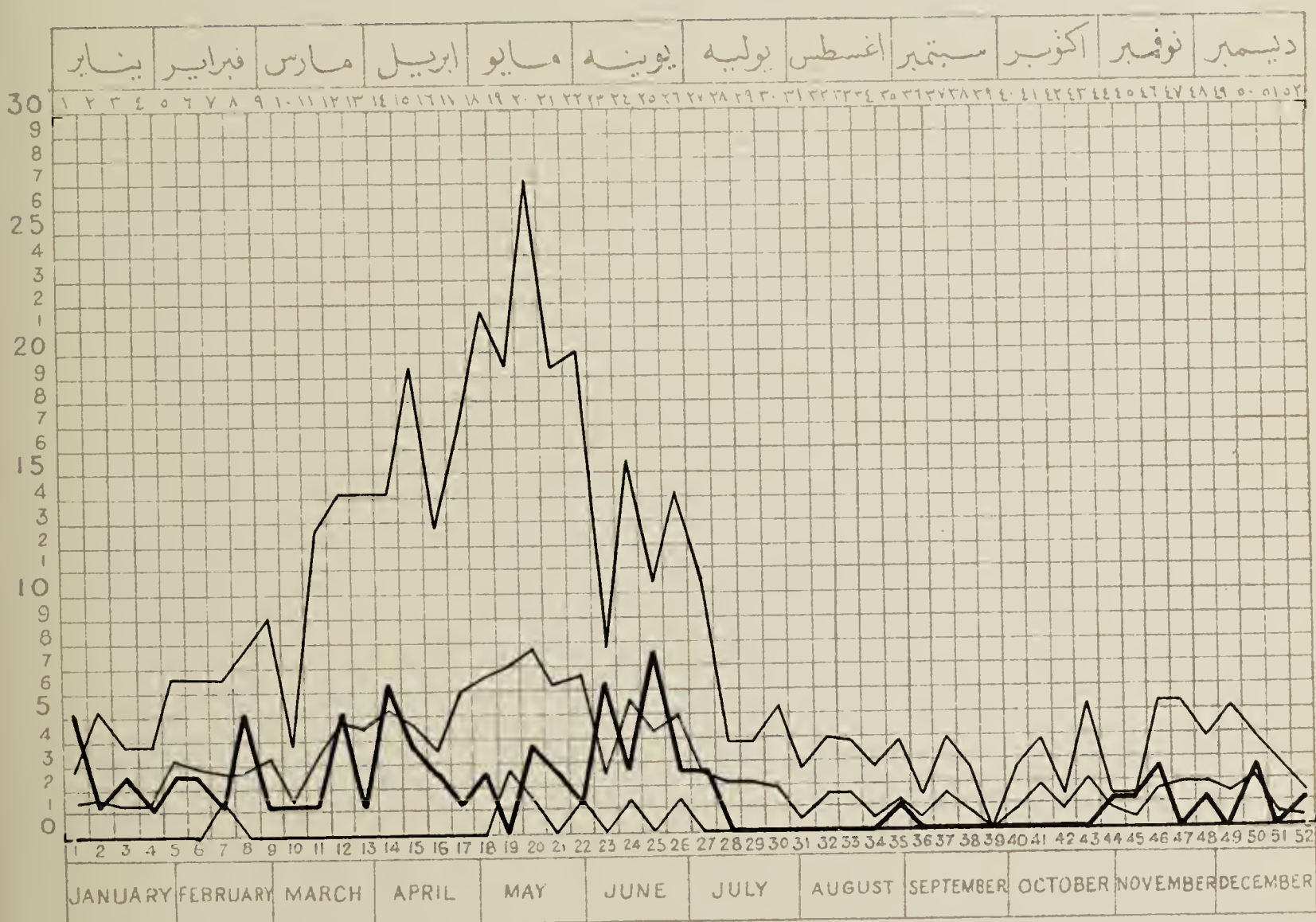


Printed by the Survey of Egypt 24/623.

النسب القصوى والصغرى والمتوسطه لعدد الإصابات في كل مليون من السكان من سنة ١٩١٧ الى سنة ١٩٢١
Weekly Maximum, Minimum and Mean number of cases estimated per million of population 1917-1921.

المجموع الأسبوعي للإصابات في سنة ١٩٢٢
Weekly Total of cases 1922.

SCARLET FEVER

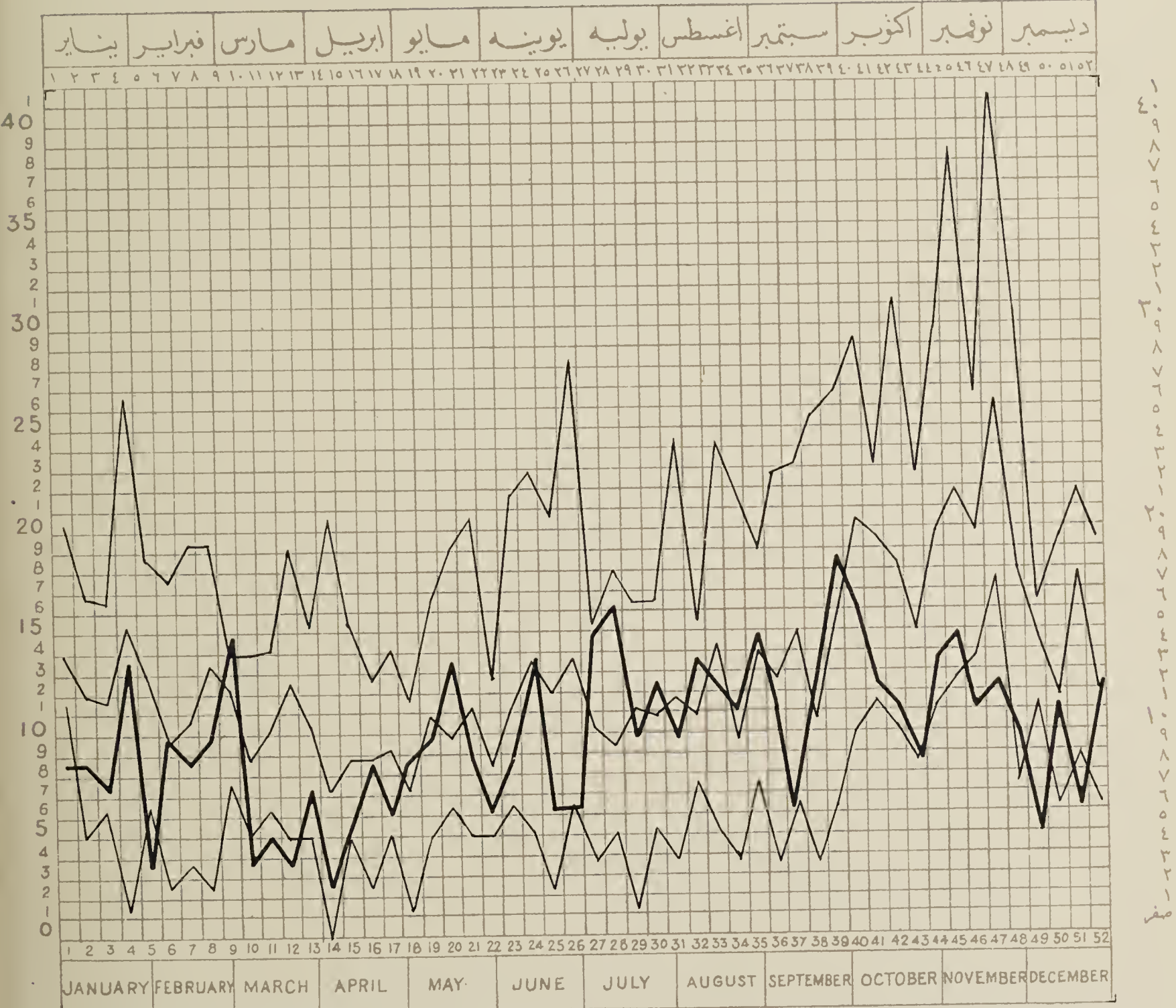


Printed by the Survey of Egypt 24/623.

النسب القصوى والصغرى والمتوسطة لعدد الإصابات في كل مليون من السكان من سنة ١٩١٧ إلى سنة ١٩٢١
Weekly Maximum, Minimum and Mean number of cases estimated per million of population 1917-1921.

المجموع الأسبوعى للإصابات في سنة ١٩٢٢
Weekly Total of cases in 1922.

الدفتريا
DIPHTHERIA



Printed by the Survey of Egypt 24/623.

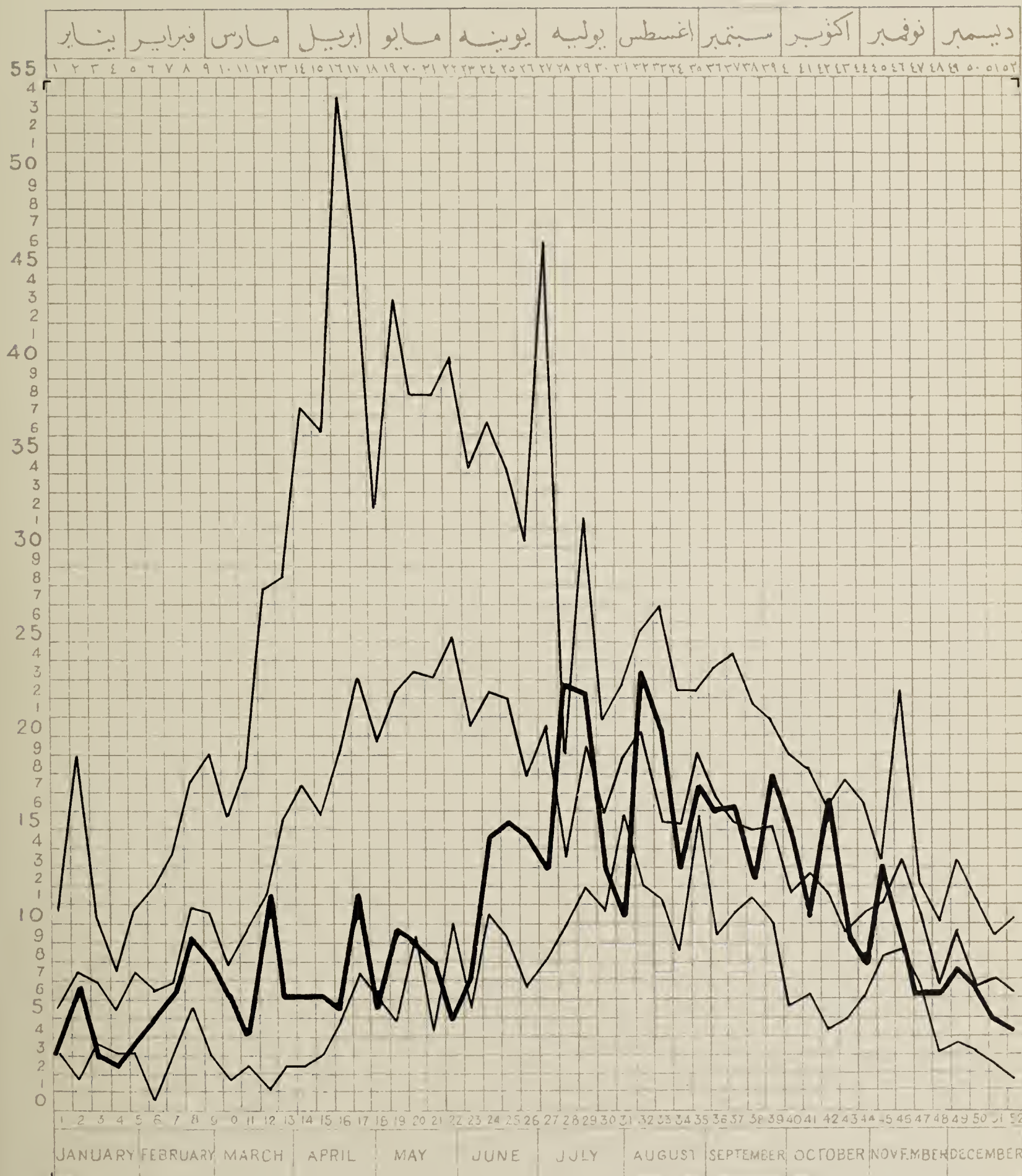
أقصى ومتوسط وأدنى مجموع الاصابات الأسبوعي مقدّرا باعتبار كل مليون من السّكان من سنة ١٩١٧ إلى سنة ١٩٢١
Weekly Maximum, Minimum and Mean number of cases estimated per million of population 1917-1921.

المجموع الأسبوعي للاصابات في سنة ١٩٢٢
Weekly Total of cases in 1922.

تقرير صحة مدينة القاهرة سنة ١٩٢٢
Cairo City Health Report 1922.

خريطة رقم ١٠
Chart X.

الحُمى التيفوئيدية TYPHOID FEVER

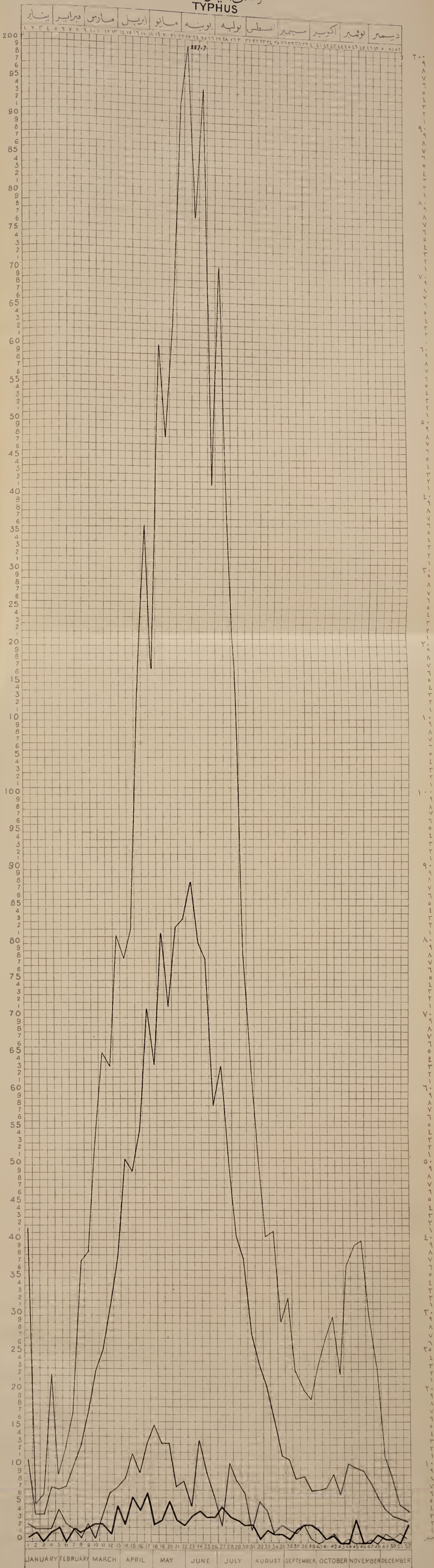


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أقصى ومتوسط وأدنى مجموع الأصابات الأسبوعي مقدرا باعتبار كل ٥٠٠,٠٠٠ من السكان من سنة ١٩١٧ إلى سنة ١٩٢١
Weekly Maximum, Minimum and Mean number of cases estimated per 500,000 of population 1917-1921.

المجموع الأسبوعي للأصابات سنة ١٩٢٢
Weekly Total of cases 1922.

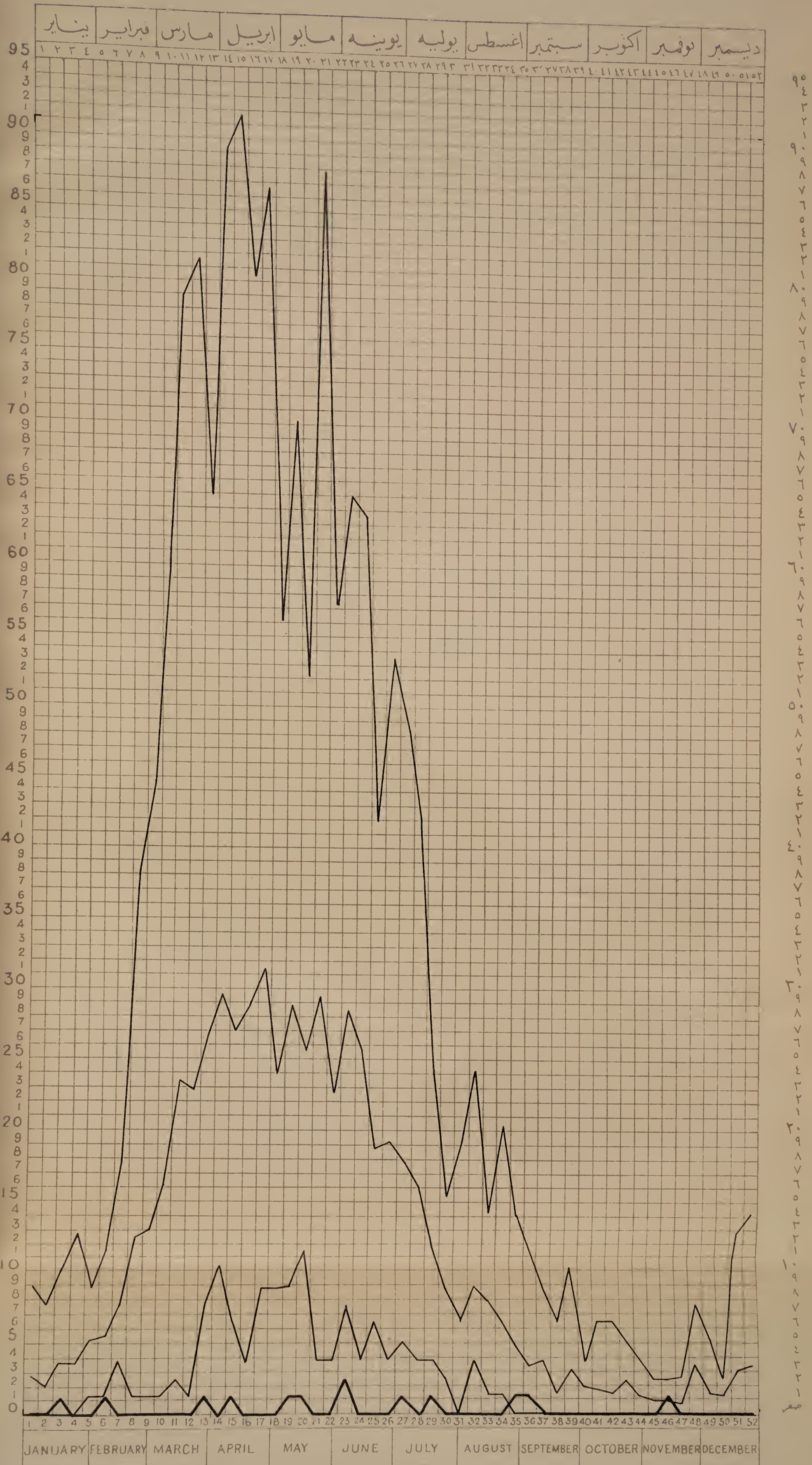
لحمى التيفوسية
TYPHUS



أقصى ومتوسط وأدنى مجموع الإصابة الأسبوعي مقدراً باعتبار كل خمسة آلاف من السكان من سنة ١٩١٧ إلى سنة ١٩٢١
Weekly Maximum, Minimum and Mean number of cases estimated per 500,000 of population 1917-1921.

المجموع الأسبوعي للإصابات في سنة ١٩٢٢
Weekly Total of cases 1922.

لحمى التراجع
RELAPSING FEVER



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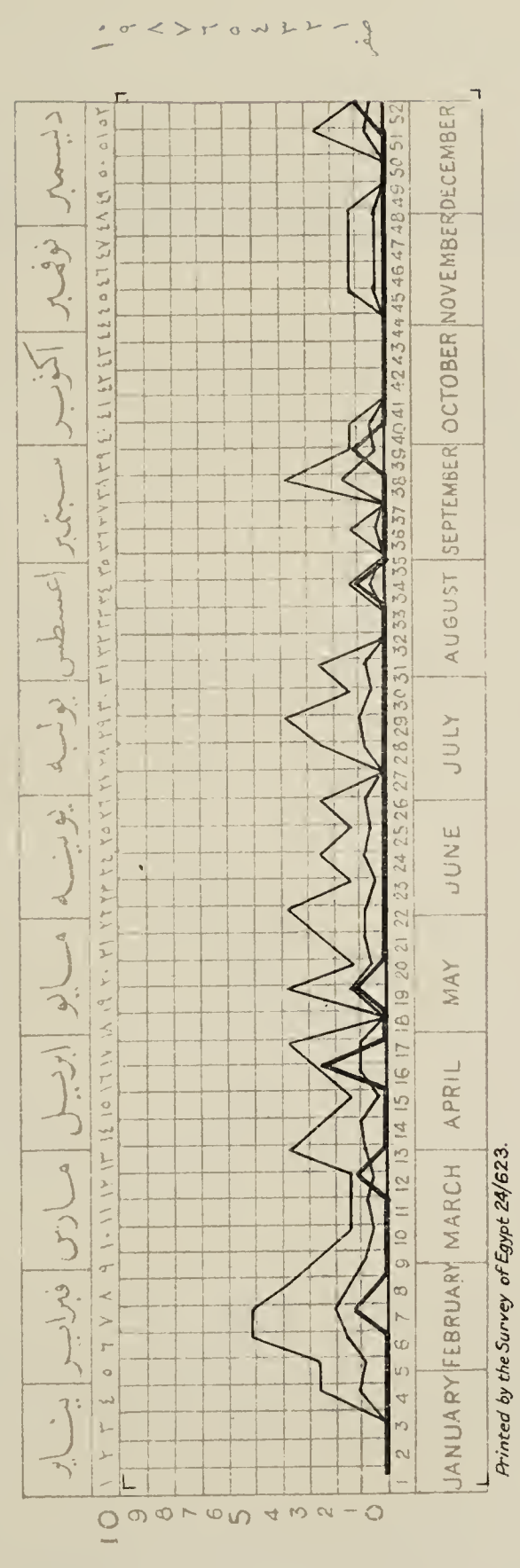
النسب القصوى والصغرى والمتوسط طه لعدد الأضابات في كل مليون من السكان من سنة ١٩١٧ إلى سنة ١٩٢١
Weekly Maximum, Minimum and Mean number of cases estimated per million of population 1917-1921.

المجموع الأسبوعي للأضابات في سنة ١٩٢٢
Weekly Total of cases 1922.

تقرير صحة مدينة القاهرة لسنة ١٩٢٢
Cairo City Health Report 1922.

خريطة رقم ١٣
Chart XIII.

الحصبة النخاعية
CEREBRO SPINAL FEVER

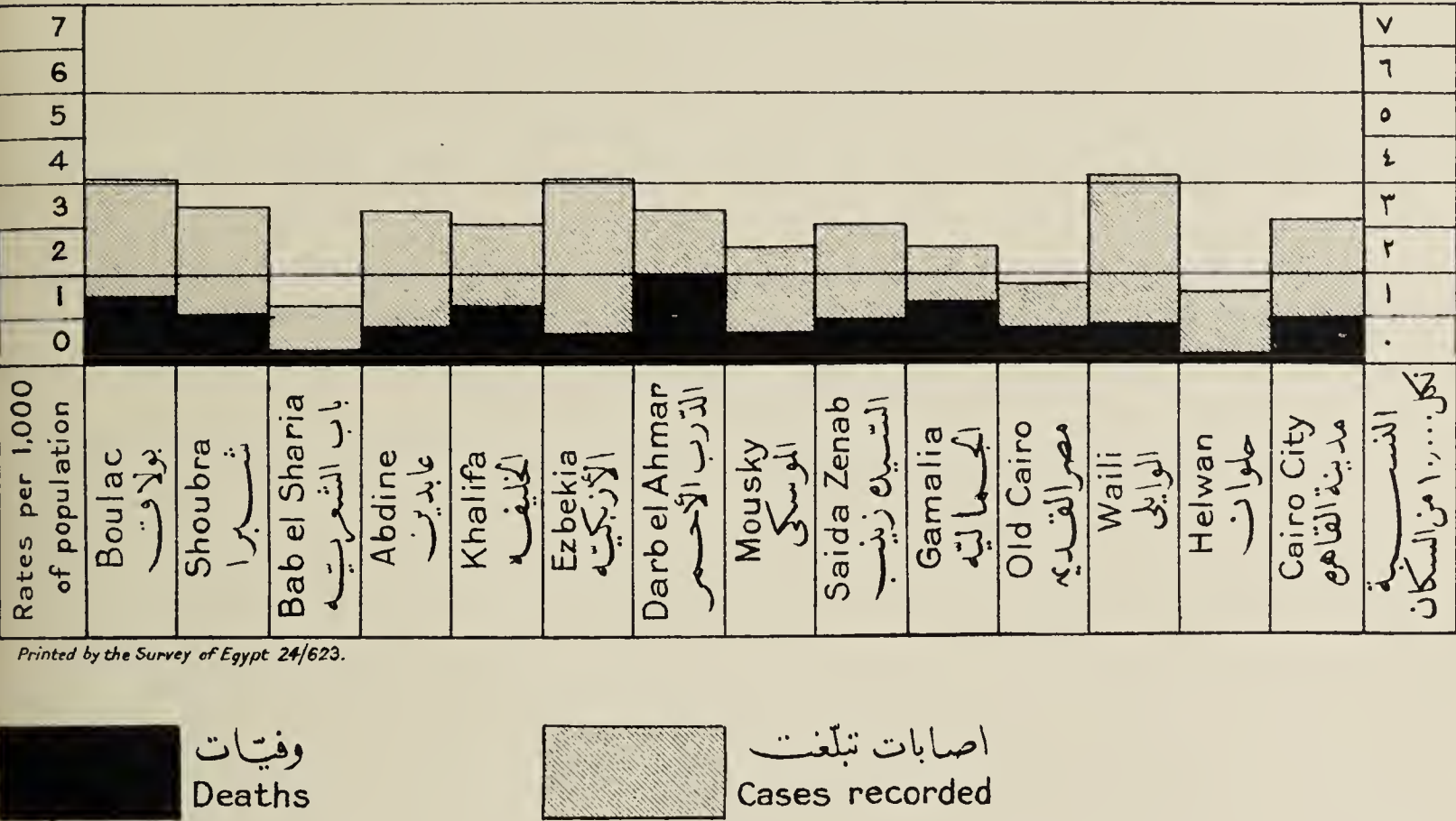


أقصى ومتوسط وأدنى مجموع الأصباغ الأسبوعي مقدّرا باعتبار كل مليون من السكان من سنة ١٩٢١ إلى سنة ١٩٢٢
Weekly Maximum, Minimum and Mean number of cases estimated per million of population 1917-1921.

المجموع الأسبوعي للأصباغ الأسبوعي
Weekly Total of cases in 1922.

شکل ۱
تقرير صحة مدينة القاهرة سنة ١٩٢٢
Cairo City Health Report 1922.

معدل الاصابات والوفيات اثنتانين للامراض الرئيسية في اقسام مصر سنة ١٩٢٢ بالنسبة لكل الف من السكان
ZYMOTIC DISEASE CASE AND DEATH RATES IN CAIRO DISTRICTS
IN 1922 PER 1,000 OF POPULATION



شکل ٢
Fig. 2

المجهرى معدل الاصابات والوفيات في اقسام مصر سنة ١٩٢٢ بالنسبة لكل عشرة الاف من السكان
SMALL-POX CASE AND DEATH RATES IN CAIRO DISTRICTS
IN 1922 PER 10,000 OF POPULATION

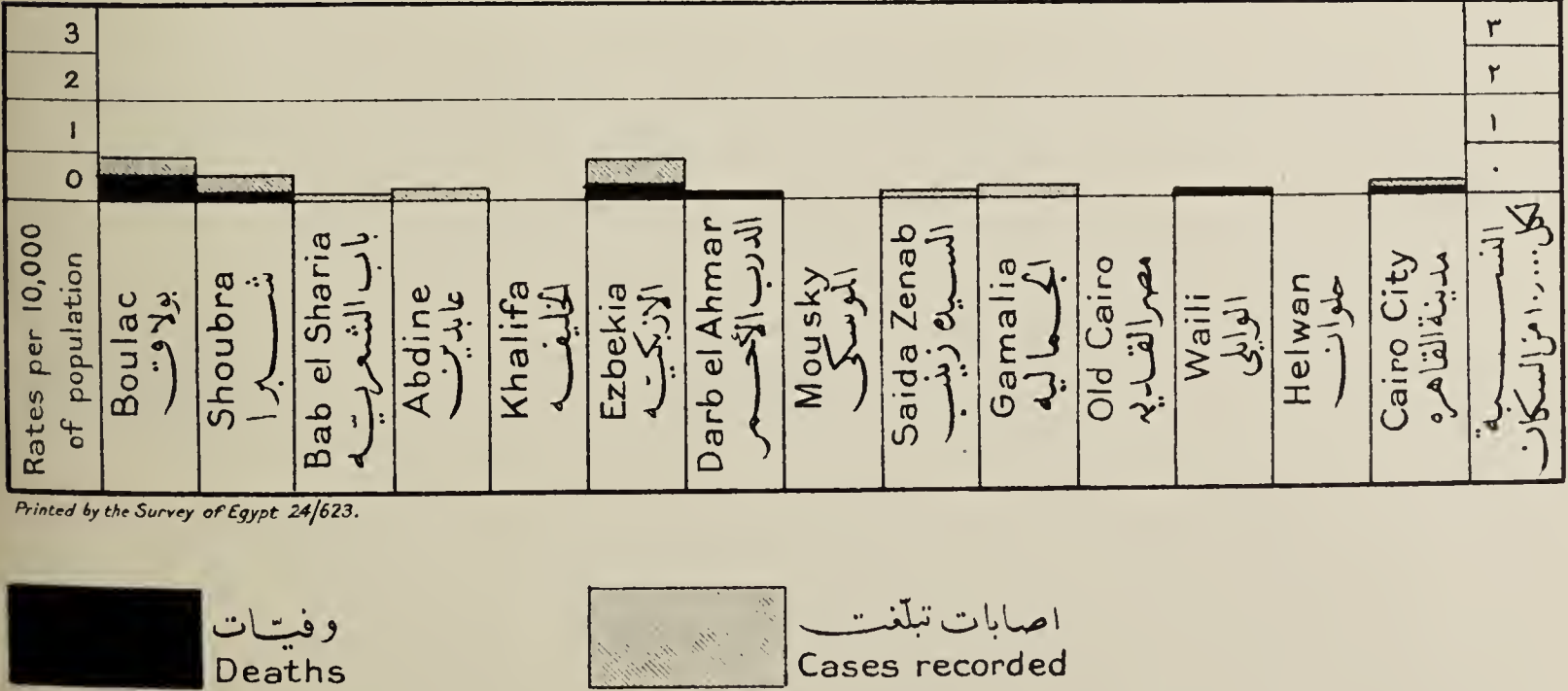
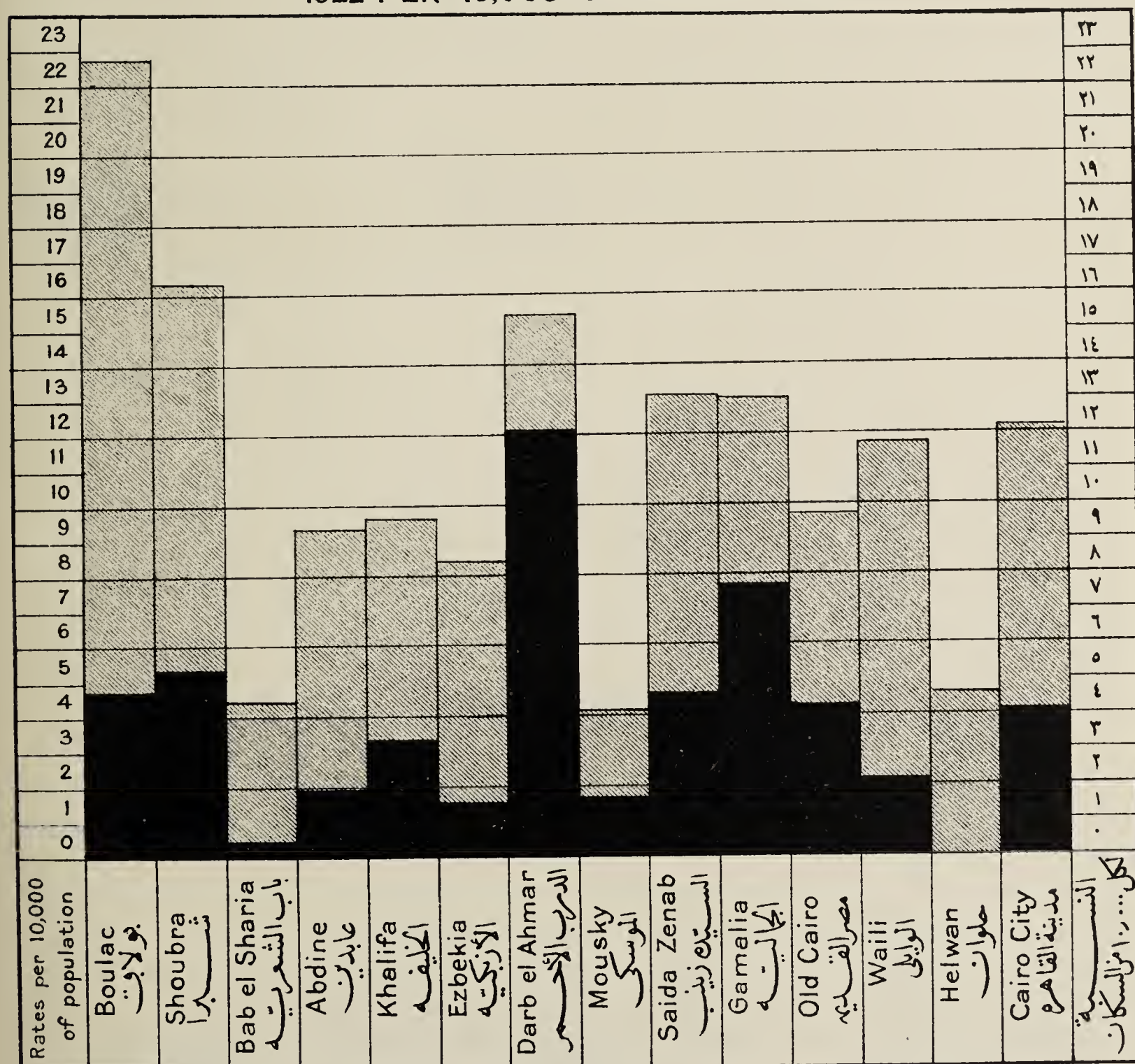


Fig. 3.
Cairo City Health Report 1922.

شك ٣
تقرير صحة مدينة القاهرة ١٩٢٢

المحصنة معدل الاصابات والوفيات في اقسام مصر ١٩٢٢ انذار بالنسبة لكل عشرة الاف من السكان
MEASLES CASE AND DEATH RATES IN CAIRO DISTRICTS IN
1922 PER 10,000 OF POPULATION



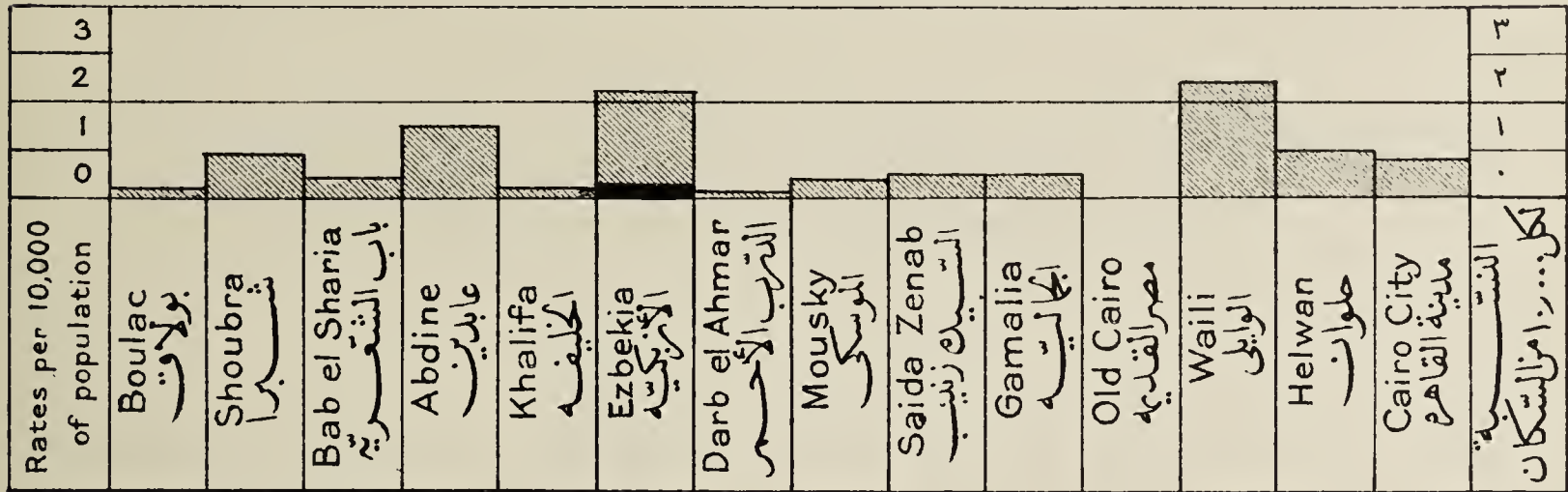
Printed by the Survey of Egypt 24/623.

وفيات
Deaths

اصابات تبلفت
Cases recorded



الحصص الموزعة على الأحياء في أقسام مصر ١٩٢٢ بالنسبة لكل عشرة آلاف نسمة
SCARLET FEVER CASE AND DEATH RATES IN CAIRO DISTRICTS
IN 1922 PER 10,000 OF POPULATION



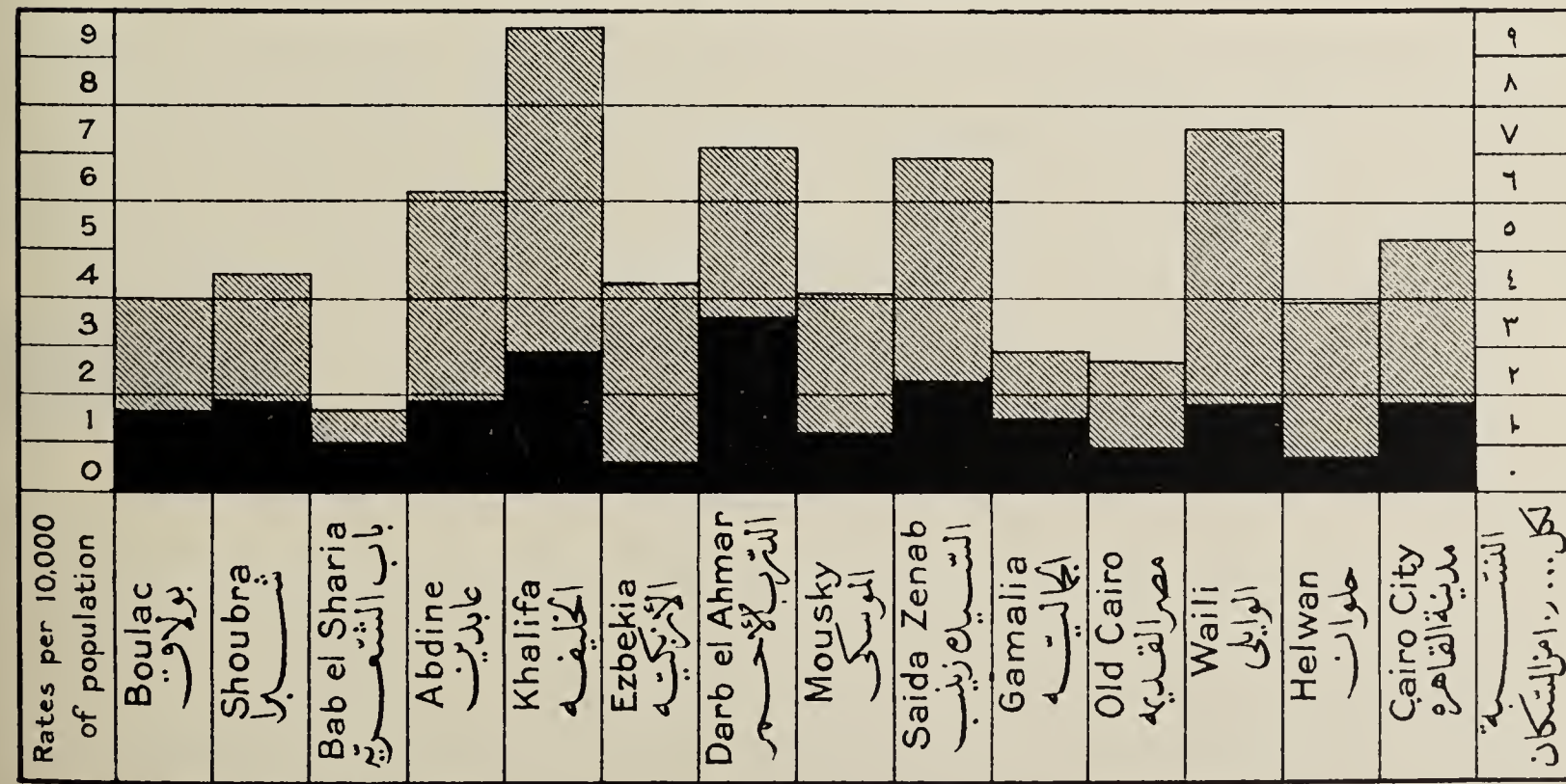
Printed by the Survey of Egypt 24/623.

وفيات Deaths
اصابات تبلفت Cases recorded

Fig. 5.

شكل ٥

وفيات بمعدل الاصابات والوفيات في أقسام مصر ١٩٢٢ بالنسبة لكل عشرة آلاف نسمة
DIPHTHERIA CASE AND DEATH RATES IN CAIRO DISTRICTS
IN 1922 PER 10,000 OF POPULATION.



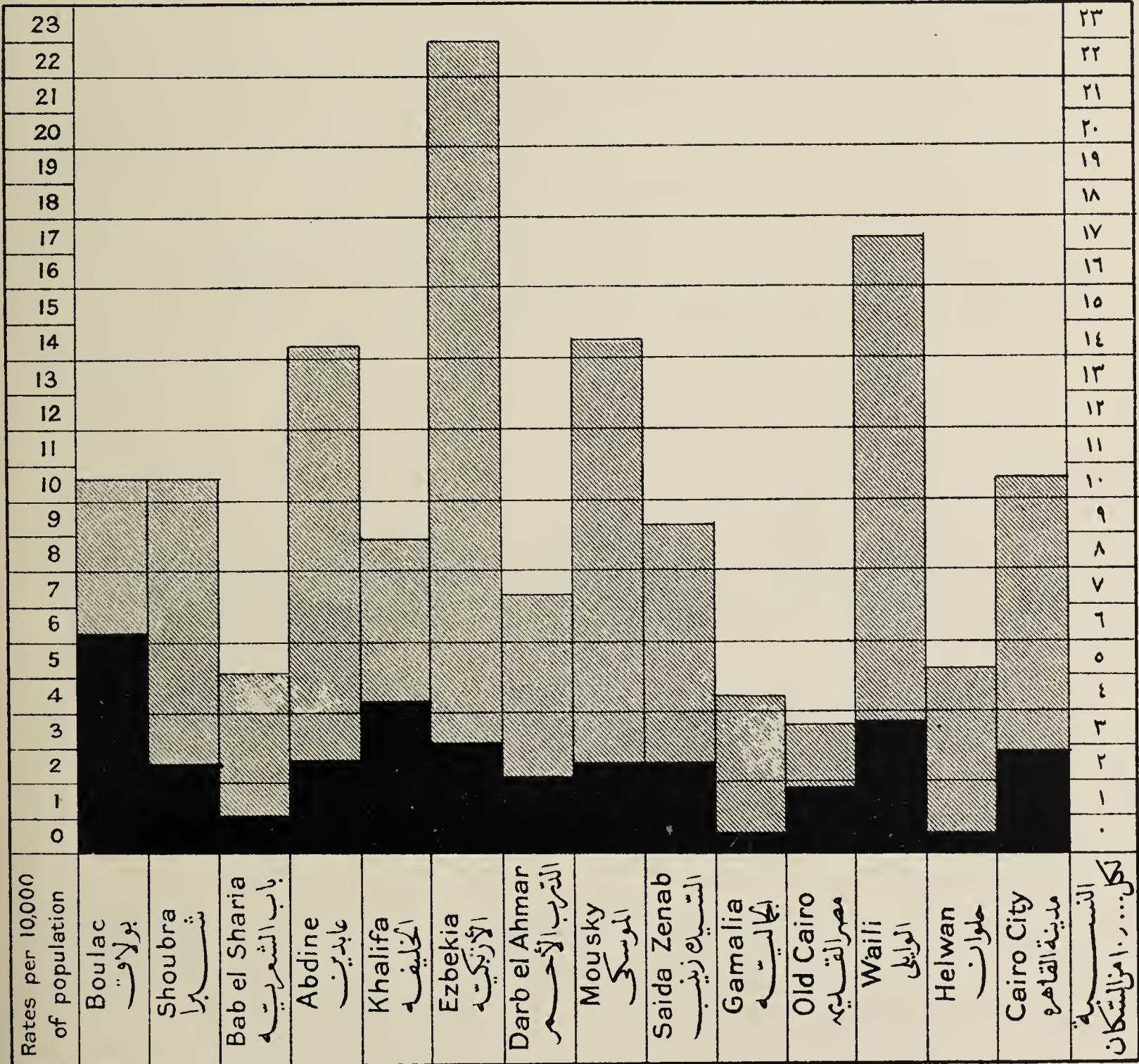
Printed by the Survey of Egypt 24/623.

وفيات Deaths
اصابات تبلفت Cases recorded

Fig. 6.
Cairo City Health Report 1922.

شكل ٦
تقرير صحة مدينة القاهرة سنة ١٩٢٢

الحملات لتفوية معدل الاصابات والوفيات في اقسام مصر سنة ١٩٢٢ انظر بالنسبة لكل عشرة الاف نسكا
TYPHOID FEVER CASE AND DEATH RATES IN CAIRO DISTRICTS
IN 1922 PER 10,000 OF POPULATION



Printed by the Survey of Egypt 24/623.



وفيات
Deaths

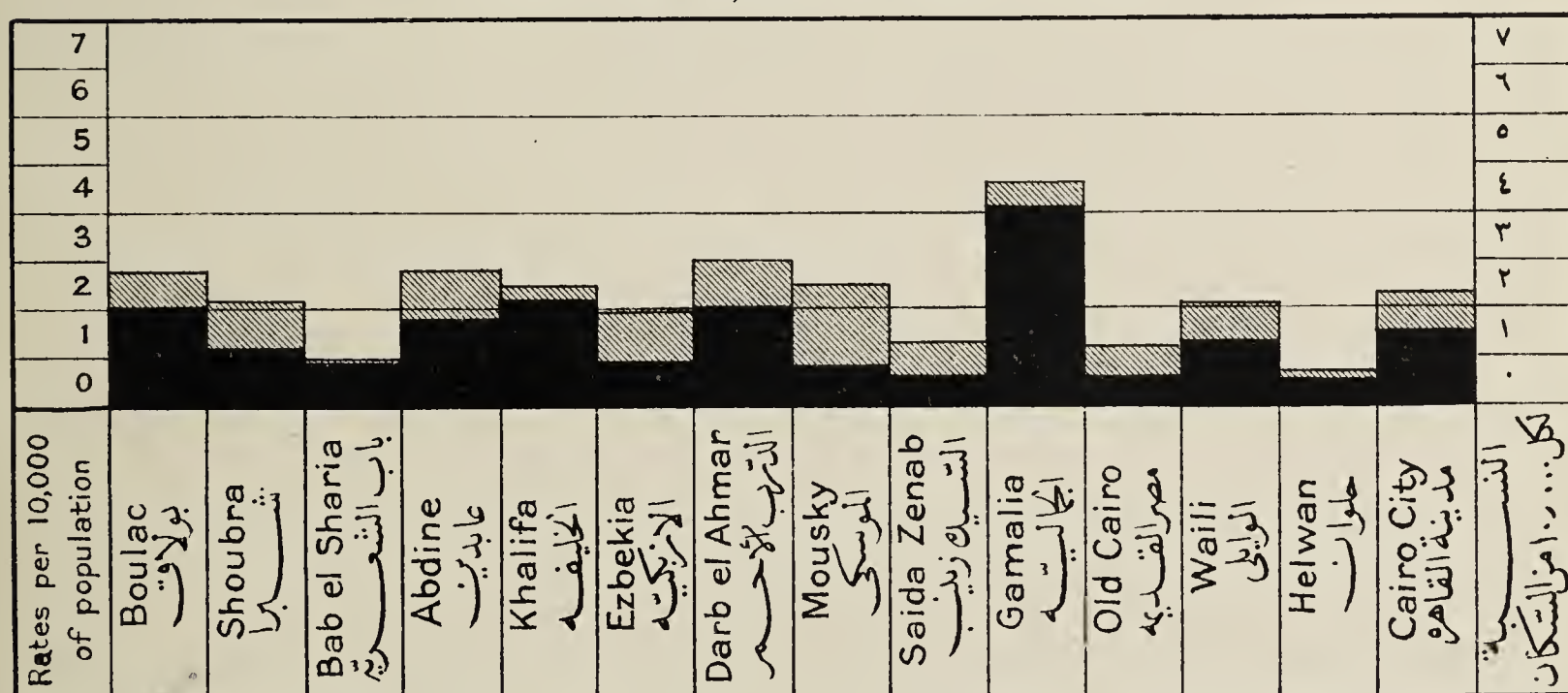


اصابات تبلفت
Cases recorded

Fig. 7.
Cairo City Health Report 1922.

شكل ٧
تقرير صحة مدينة القاهرة ١٩٢٢

تيفوس معدل الاصابات والوفيات في أقسام مصر ١٩٢٢ بالنسبة لكل عشرة آلاف نسمة
TYPHUS FEVER CASE AND DEATH RATES IN CAIRO DISTRICTS
IN 1922 PER 10,000 OF POPULATION



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وفيات
Deaths

اصابات تيفت
Cases recorded

Fig. 8.
Cairo City Health Report 1922.

شكل ٨
تقرير صحة مدينة القاهرة لسنة ١٩٢٢

الحملات الرجعية معدل الاصابات والوفيات في اقسام مصر ١٩٢٢ انما بالنسبة لكل عشرة الاف من السكان
RELAPSING FEVER CASE AND DEATH RATES IN CAIRO DISTRICTS IN
1922 PER 10,000 OF POPULATION

| 3 | 2 | 1 | 0 | Rates per 10,000 of population | ٢ | ١ | ٠ | النسبة لكل ١٠,٠٠٠ من السكان |
|---|---|---|---|--------------------------------|---|---|---|-----------------------------|
| | | | | Boulac بولاق | | | | |
| | | | | Shoubra شوبرا | | | | |
| | | | | Bab el Sharia باب الشعيرية | | | | |
| | | | | Abdine عابدين | | | | |
| | | | | Khalifa الخليفة | | | | |
| | | | | Ezbekia الانزبكية | | | | |
| | | | | Darb el Ahmar الدرب الأحمر | | | | |
| | | | | Mousky الموسكي | | | | |
| | | | | Saida Zenab السيدة زينب | | | | |
| | | | | Gamalia الجالية | | | | |
| | | | | Old Cairo مصر القديمة | | | | |
| | | | | Waili الوايلي | | | | |
| | | | | Helwan حلوان | | | | |
| | | | | Cairo City مدينة القاهرة | | | | |

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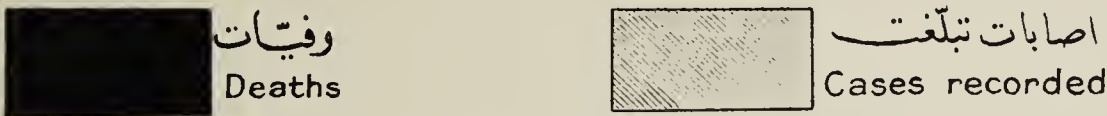


Fig. 9.

شكل ٩

الحملات الخبيثة الشوكية معدل الاصابات والوفيات في اقسام مصر ١٩٢٢ انما بالنسبة لكل عشرة الاف من السكان
CEREBRO-SPINAL FEVER CASE AND DEATH RATES IN CAIRO
DISTRICTS IN 1922 PER 10,000 OF POPULATION

| 3 | 2 | 1 | 0 | Rates per 10,000 of population | ٢ | ١ | ٠ | النسبة لكل ١٠,٠٠٠ من السكان |
|---|---|---|---|--------------------------------|---|---|---|-----------------------------|
| | | | | Boulac بولاق | | | | |
| | | | | Shoubra شوبرا | | | | |
| | | | | Bab el Sharia باب الشعيرية | | | | |
| | | | | Abdine عابدين | | | | |
| | | | | Khalifa الخليفة | | | | |
| | | | | Ezbekia الانزبكية | | | | |
| | | | | Darb el Ahmar الدرب الأحمر | | | | |
| | | | | Mousky الموسكي | | | | |
| | | | | Saida Zenab السيدة زينب | | | | |
| | | | | Gamalia الجالية | | | | |
| | | | | Old Cairo مصر القديمة | | | | |
| | | | | Waili الوايلي | | | | |
| | | | | Helwan حلوان | | | | |
| | | | | Cairo City مدينة القاهرة | | | | |

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